

Originally Processed With FOIA(s):
2005-0336-F

FOIA Number:
2005-0336-F

FOIA MARKER

**This is not a textual record. This is used as an
administrative marker by the George Bush Presidential
Library Staff.**

Record Group/Collection: George H.W. Bush Presidential Records
Collection/Office of Origin: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files

OA/ID Number: 62015
Folder ID Number: 62015-006

Folder Title:
Invitation: Meetings [1 of 2] [1992]

Stack:

Row:

Section:

Shelf:

Position:

0

0

0

0

"Document Control"

TYPE: ACTION

DOCUMENT NUMBER: 9203671

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: THOMPSON, Kenneth W.: UNIVERSITY OF VIRGINIA

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 01/04/93

SUBJECT: HE IS WRITING REGARDING DR. BROMLEY'S NOTE ABOUT
VISITING THE MILLER CENTER.

DIRECTORATE

STAFF

ASSIGNED: DIRECTOR'S OFFICE

ASSIGNED:

ACTION

STAFF

REQUIRED: AS NECESSARY

ACTION:

SENDER'S DUE DATE:

OSTP DUE DATE: 01/11/93

STAFF DUE DATE

DATE COMPLETED:

DATE COMPLETED/DEPT:

COPIES TO:

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

PHONE:

EXT:

OSTP RECEIVED: 01/07/93

DEPT RECEIVED:

FILE: P-INVITATION-SPEECH

CENTRAL FILES:

3671

The Miller Center



The University of Virginia

January 4, 1993

Mr. David Allan Bromley
Office of Science & Technology Policy
370 Old Executive Office Building
Washington, D.C. 20506

Dear Allan:

Thank you for your note. We are thrilled that you may be able to visit us. What about a title such as "The Presidency and Science Advising: Before and After." Would you want to set a date in February or March?

Sincerely,

Kenneth W. Thompson
Director

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION

DOCUMENT NUMBER: 9203683

ORIGINATOR: 02

SPEECH: YES NO

FROM: GIBBONS, John H.: OFFICE OF TECHNOLOGY ASSESSMENT

DATE OF EVENT: 01/27/93 THRU:
TENTATIVE DATES:

LOCATION OF EVENT: SENATE DIRKSEN BUILDING

TIME OF EVENT:

SUBJECT: AN INVITATION TO ATTEND A ONE DAY FORUM ON
TECHNOLOGY AND GOVERNANCE IN THE 1990'S.

RSVP: 01/14/93

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED? YES NO

COPIES TO:

REMARKS:

DATE OF LETTER: ¹²~~01~~/31/92

DATE RECEIVED: 01/08/93

FILE: P-INVITATION -*meeting*

TECHNOLOGY ASSESSMENT BOARD
GEORGE E. BROWN, JR., CALIFORNIA, CHAIRMAN
TED STEVENS, ALASKA, VICE CHAIRMAN

EDWARD M. KENNEDY, MASSACHUSETTS
ERNEST F. HOLLINGS, SOUTH CAROLINA
CLAIBORNE PELL, RHODE ISLAND
ORRIN G. HATCH, UTAH
CHARLES E. GRASSLEY, IOWA
JOHN D. DINGELL, MICHIGAN
CLARENCE E. MILLER, OHIO
DON SUNDQUIST, TENNESSEE
AMO HOUGHTON, NEW YORK
JOAN KELLY HORN, MISSOURI
JOHN H. GIBBONS

3683
JOHN H. GIBBONS
DIRECTOR

Congress of the United States
OFFICE OF TECHNOLOGY ASSESSMENT
WASHINGTON, DC 20510-8025

December 31, 1992

Dr. D. Allan Bromley
Director
Office of Science Technology Policy
Executive Office of the President
OEB, Room 358
Washington, D.C. 20500

Dear Allan:

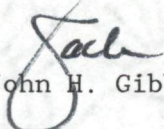
As you know, in celebration of its 20th Anniversary, OTA is hosting an invitational, one day, Forum on Technology and Governance in the 1990's. The Forum will be held on Wednesday, January 27, in Senate Dirksen Building, Room 106. A synopsis and agenda are attached. Primary invitees are all Members of the 102nd and 103rd Congresses as well as selected individuals concerned with technology and policy.

I invite you personally to attend the Forum, and a small luncheon at the break for the keynote speakers, members of OTA's TAB and TAAC, and a few other special guests. I also invite you to advise me of others on your staff to be invited. Because of space limitations it will be difficult for us to accommodate more than 4 persons from OSTP in addition to yourself for any of the sessions.

We feel fortunate to have such an outstanding group of five speakers and hope that the ensuing dialogue (question and answer period after each speaker) will be lively. It will be appreciated if you could provide your list of participants by Friday, January 15 so that we can make the necessary arrangements. Please get in touch with Sue Bachtel or Barbara Murphy by phone (202-224-3695) or fax (202-228-6218).

With very best wishes,

Sincerely,


John H. Gibbons

enclosure

FORUM ON TECHNOLOGY AND GOVERNANCE IN THE 1990s
Room SD-106, Dirksen Senate Office Building

Agenda

Wednesday, January 27, 1993

8:30 a.m. Welcome and Opening Remarks

Technology Assessment Board Chairman
Dr. John H. Gibbons, Director, OTA

9:00 a.m. International Security

The Honorable Robert S. McNamara
Former U.S. Secretary of Defense
Former President, World Bank

10:15 a.m. Break

10:30 a.m. Sustaining the Global Environment

The Honorable Gro Harlem Bruntland
Prime Minister of Norway
Leader of Minority Labor Government
Chair, World Commission on Environment and
Development

11:45 a.m. Break

1:15 p.m. Economic Competitiveness in America

Dr. Laura D'Andrea Tyson
Professor of Business Economics and Administration, and
Director, Institute of International Relations
University of California at Berkeley

2:30 p.m. Health Care

Dr. Arnold S. Relman
Professor of Medicine and of Social Medicine
Harvard School of Medicine
Editor-in-Chief Emeritus
New England Journal of Medicine

3:45 p.m. Break

4:00 p.m. Education

Dr. Derek Bok
President Emeritus of Harvard University

5:15 p.m. Close

5:30 p.m. Reception

FORUM ON TECHNOLOGY AND GOVERNANCE IN THE 1990s

Congress created its nonpartisan Office of Technology Assessment (OTA) 20 years ago to assure expert knowledge about diverse impacts of emerging technology. The bipartisan Technology Assessment Board (TAB), composed of six Senators and six Representatives, evenly divided by party and appointed by the leadership, governs OTA. Assessments of topics of particular interest to Committees form the bulk of OTA's work. Congress also directed the Office to provide foresight -- a long-term perspective on the impacts of technology. This responsibility will be reflected in a one-day Forum on Technology and Governance in the 1990s, held at the invitation of TAB and its Technology Assessment Advisory Council.

The Forum will address critical, technology-driven issues faced by our nation and the rest of the world and equip policymakers with an improved understanding of options to deal with these issues. The issues to be addressed at the Forum will illuminate how technology is deeply woven into today's domestic and international policies, and will focus on both the requirement and the opportunity to meet the challenges.

The Forum will convene on January 27, 1993, in the Dirksen Senate Office Building. The audience and participants will comprise Members of Congress and other senior policy makers and researchers. The formal agenda includes five topics, selected on the basis of national and/or international urgency, universal importance, likely continued relevance to the (U.S.) legislative agenda, and the centrality of technology in creating or solving the problem:

- (1) International Security
- (2) Sustaining the Global Environment
- (3) Economic Competitiveness in America
- (4) Health Care
- (5) Education

The distinguished speakers on each issue (respectively) are:

- (1) The Honorable Robert S. McNamara
Former U.S. Secretary of Defense
Former President, World Bank
- (2) The Honorable Gro Harlem Bruntland
Prime Minister of Norway
Leader of Minority Labor Government
Chair, World Commission on Environment and
Development
- (3) Professor Laura D'Andrea Tyson

Professor of Business Economics and Administration, and
Director, Institute of International Relations
University of California at Berkeley

- (4) Dr. Arnold S. Relman
Professor of Medicine and of Social Medicine
Harvard School of Medicine
Editor-in-Chief Emeritus
New England Journal of Medicine
- (5) Dr. Derek Bok
President Emeritus
Harvard University

Speakers at the Forum will discuss the evolution of the issues, the potential of technological developments to help or hinder progress, and new institutional mechanisms and leadership that may be needed to address the issues.

"Document Control"

TYPE: ACTION

DOCUMENT NUMBER: 9203648

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: SYMINGTON, James: O'CONNOR & HANNAN

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 12/23/92

SUBJECT: HE IS WRITING REGARDING DR. BROMLEY'S SPEACH AT THE
U.S.-KOREA FORUM.

DIRECTORATE

STAFF

ASSIGNED: DIRECTOR'S OFFICE

ASSIGNED:

ACTION

STAFF

REQUIRED: AS/IF NECESSARY

ACTION:

SENDER'S DUE DATE:

OSTP DUE DATE: 01/09/93

STAFF DUE DATE

DATE COMPLETED:

DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

PHONE:

EXT:

REMARKS:

OSTP RECEIVED: 12/28/92
FILE: P-INVITATION-SPEECH

DEPT RECEIVED:

CENTRAL FILES:

*RPB
Called on Symington
to 1/7/93
regret.
DAB cancelled
participation.
Please close
out.*



3648

O'CONNOR & HANNAN

ATTORNEYS AT LAW

SUITE 800
1919 PENNSYLVANIA AVENUE N.W.
WASHINGTON, D.C. 20006-3483
(202) 887-1400
TELEX 89-7420
FAX (202) 466-2198

MINNEAPOLIS OFFICE
3800 IDS CENTER
80 SOUTH EIGHTH STREET
MINNEAPOLIS, MN 55402-2254
(612) 341-3800
FAX (612) 343-1256

MADRID OFFICE
LA RINCONADA, 6, 3^o
28023 MADRID, SPAIN
(011) 341 575-0944 & 357-2251
FAX (011) 341 577-0759

JAMES W. SYMINGTON

December 23, 1992

Dr. D. Allan Bromley
Assistant to the President for
Science and Technology
Room 358
Old Executive Office Building
Washington, D.C. 20500

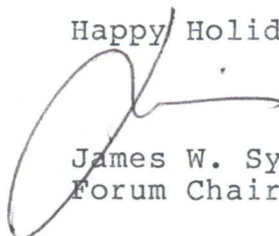
Dear Allan:

With renewed thanks for your valued participation as a featured speaker in the U.S.-Korea Forum on Science and Technology Cooperation to be held at the McLean Hilton Hotel on Tuesday, January 12, I am enclosing a tentative schedule of topics and appearances. Note we have scheduled you to make your remarks (after the luncheon as you suggested) at about 2:20 p.m. at the outset of the Third (and final) Session of the Forum. I hope this is congenial to you, and that you will let me know if you have any questions. Remember, you are a welcome guest and participant throughout the day.

I have been asked also to invite you on behalf of Minister Kim to a dinner at 6:30 p.m. the preceding evening (January 11) at the McLean Hilton in honor of the principal participants. There will also be a farewell dinner at 6:30 p.m., same hotel, on the 12th. Do let my office know if you can attend one or both of these dinners.

In all events I look forward most gratefully to your participation. Until then,

Happy Holidays,


James W. Symington
Forum Chairman

/jj
enclosure

Page 1 of 6

**TENTATIVE AGENDA
DETAILED SPEAKER LIST
12/21/92**

SPEAKER NAME	SPEAKING LENGTH	SPEAKING TIME	TENEATIVE SUBJECT OF SPEECH
BREAKFAST SESSION--OPENING 08:20-09:30			
Jim Symington, Forum Chairman, former U.S. Congressman	5 minutes	8:20-8:25	Welcome. Housekeeping.
Jim Symington	5 minutes	8:45-8:50	Introduction of speakers
Dr. Jung Uck Seo, President, Korea Institute of Science and Technology (KIST)	10 minutes	8:50-9:00	Welcoming remarks.
The Honorable Hong Choo Hyun, South Korean Ambassador to the United States	10 minutes	9:00-9:10	Opening and welcome.
George Brown, Chairman, Science and Technology (S&T) Committee of the U.S. House of Representatives	Breakfast Keynote Speaker-20 minutes	9:10-9:30	Set tone of necessity of S&T cooperation between U.S. and Korea. Future cooperation. Formation of a strategic alliance.

Page 2 of 6

SESSION I - OVERVIEW AND DIRECTION OF U.S.-KOREA TECHNOLOGY COOPERATION 09:45-10:50

Jay Khim, Chairman, JWK International Corporation	5 minutes	9:45-9:50	Moderator. Introduction of Session I.
Bryan Rushton, Chairman, Industrial Research Institute	Featured Speaker 10 minutes	9:50-10:00	Setting tone. Why we need cooperation. Why we should set up alliances. Most likely industries for cooperation. American side of discussion.
3 Shin Ho Kang, Chairman, Korea Industrial Technology Association	Featured Speaker 10 minutes	10:00-10:10	Same, but from Korean perspective.
H. Guyford Stever, former NSF Director, Past President of Carnegie Mellon University	5 minutes	10:10-10:15	Prospect for S&T cooperation for the year 2000 and beyond.
Choong Young Ahn, Professor, Choong Ang University	5 minutes	10:15-10:20	"
Richard Kessler, Senate Foreign Relations Committee.	5 minutes	10:20-10:25	"
Chang Dal Kim, President, KTB	5 minutes	10:25-10:30	"
4 O Kyu Kwon, Ministry, Economic Planning Board	5 minutes	10:30-10:35	Intellectual property rights and foreign investments in Korea.
Craig Fields, President, Microelectronics and Computers Corporation. Former Director of DARPA	10 minutes	10:35-10:45	Futurist, Provides perspective of his industry--microelectronics and computer technology.

SESSION II -- SCIENTIFIC AND TECHNICAL COOPERATION IN U.S.-KOREA
RELATIONS, INDUSTRY SPECIFIC COOPERATION 11:00-11:55

Jim Symington	5 minutes	11:00-11:05	Moderator.
Francis A. Gicca President, GTE Government Systems Corp.	Featured Speaker 10 minutes	11:05-11:15	General terms of how industry benefits in cooperation. What are best methods of cooperation. Ideas on how to accomplish same. Computer industry experience.
Kyung Hoon Lee, President, DAEWOO Heavy Industries	Featured Speaker 10 minutes	11:15-11:25	Same as above, but using Korean perspective and heavy industry from which to draw discussion.
Ron Stowe, President, PacTel	5 minutes	11:25-11:30	Perspective of communications industry.
Malcom Green, Vice President, Martin-Marietta Corp.	5 minutes	11:30-11:35	Perspective of electronics and aerospace industries.
FMC (TBD) President	5 minutes	11:35-11:40	Perspective of machinery industry.
3M (TBD) President	5 minutes	11:40-11:45	Perspective of chemical industry.

Page 4 of 6

LUNCHEON SESSION--KEYNOTE SESSION 12:30-14:00

Jim Symington	5 minutes	12:30-12:35	Introduction of speakers. Housekeeping.
Minister Jin-Hyun Kim, Korean Minister of Science and Technology	Featured Speaker 20 minutes	13:05-13:25	To Be Announced.
The Honorable John Glenn, United State Senate, Former Astronaut	Featured Speaker 20 minutes	13:30-13:50	Past, present and future of both countries. Possibility of America-Korea strategic alliance.
Tom Schneider, Ph.D., CEO, Restructuring Associates, Senior Campaign Staff of President Elect Clinton	10 minutes	13:50-14:00	Clinton-Gore administration view of science and technology. Prognosis of cooperation.

SESSION 3--SCIENTIFIC AND TECHNICAL COOPERATION IN U.S.-KOREA
RELATIONS, INDUSTRY SPECIFIC COOPERATION 14:15-15:20

Craig Fields, President, Microelectronics and Computers Corporation, Former Director of DARPA	5 minutes	14:15-14:20	Moderator and introduction of panelists.
Allen Bromley, White House Advisor on Science and Technology	Featured Speaker 15 minutes	14:20-14:35	Science advisor to the President. Speaking about national priorities.
Yi Taec Shim, ⁹ Vice President, Korean Airlines	10 minutes	14:35-14:45	Perspective of air industry cooperation - Korean version.
(Stephen Wolf, President United Airlines)	10 minutes	14:45-14:55	" - American version.
Sam Sung Aerospace Corp. (TBD) ₁₀	5 minutes	14:55-15:00	Aerospace industry perspective.
Klauss Heiss, International Academy of Astronautics	5 minutes	15:00-15:05	Space industry perspective.
Sang Gi Suh, Director, KIMM ₁₁	5 minutes	15:05-15:10	Industry-specific perspectives.
Jae Hak Hong, ¹² Director, Aerospace Research Institute	5 minutes	15:10-15:15	Aerospace industry perspective.
Dr. Chung In Moon, ¹³ Professor, University of Kentucky	5 minutes	15:15-15:20	Policy discussion.

Page 6 of 6

ROUNDTABLE AND OPEN DISCUSSION 15:30-16:30

Il Young Maing, UTIO
Korea

60 minutes

15:30-16:30

Moderator. Open
Discussion and
questions from floor.

"Document Control"

TYPE: ACTION DOCUMENT NUMBER: 9203635
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: UYEHARA, Cecil H.: UYEHARA INTERNATIONAL ASSOCIATES INC.

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 12/20/92

SUBJECT: HE REUESTS INFORMATION FROM A SPEECH THAT DR.
BROMLEY GAVE AT THE BROOKINGS INSTITUTE ON DECEMBER
17, 1992.

DIRECTORATE STAFF
ASSIGNED: Steve Olson ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 01/04/93 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS:

OSTP RECEIVED: 12/23/92 DEPT RECEIVED:
FILE: P-INVITATION-SPEECH
CENTRAL FILES:



UYEHARA INTERNATIONAL ASSOCIATES, INC.

7614 Arnet Lane
Bethesda, Maryland 20817-5502, USA
Tel: 301-229-3184
Fax: 301-320-9029

December 20, 1992

Dr. D. Alan Bromley
Director
Office of Science and Technology Policy
Executive Office of the President
Old EOB #360
Washington, DC 20500.

Dear Dr. Bromley:

I thoroughly enjoyed your speech at the Brookings Institution on December 17. Would be possible

1. to send me a copy of your speech
2. to send me a copy of your FCCSET proposals and related background papers
3. to send me a copy of the standard international S&T agreement which your office has developed.
4. to send me a copy of OSTP's 1990 (or was it 1991) report on organization.
5. to meet with me for about 45 minutes to discuss the White House Science Council and the development of the 1988 U.S.-Japan S&T Agreement before you leave Washington to return to Yale University. My interest in items 2 and 3 above are directly connected to my on-going study of the 1988 Agreement.

Your assistance in regard to the above would be much appreciated.

Yours sincerely,


Cecil H. Uyebara

TYPE: ACTION
ORIGINATOR: 02

STATUS I

DOCUMENT NUMBER: 9203554
DIRECTORATE STATUS

FROM: O'CONNELL, Susan: AAAS

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 12/02/92

SUBJECT: SHE IS FORWARDING A COPY OF A GALLEY OF DR.
BROMLEY'S TALK FOR APPROVAL.

DIRECTORATE STAFF
ASSIGNED: DIRECTOR'S OFFICE ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION:

SENDER'S DUE DATE: 12/11/92
OSTP DUE DATE: 12/11/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
REMARKS: PHONE: EXT:

OSTP RECEIVED: 12/09/92
FILE: P-INVITATION-SPEECH

DEPT RECEIVED:

CENTRAL FILES:

*Information
FAXED*

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20506

DATE _____

TO: *Suz O'Connell*

ADDRESS:

TELEPHONE NUMBER:

FAX NUMBER: *202/289-4021*

FROM:

TELEPHONE NUMBER:

FAX NUMBER: (202) 395-3261

NUMBER OF PAGES, INCLUDING COVER-SHEET _____

Monday, 1:15pm

Hynes/309

13-7T

Topical Lecture

"The theory and practice of science advising: In the United States and abroad"

-OK

D. Allan Bromley (Off of Science & Technology Policy)

Yale University

3554

American
Association
for the Advancement of
Science

MEETINGS OFFICE
1333 H STREET, NW, WASHINGTON, DC 20005

General Information: (202) 326-6450
Marketing & Exhibits: (202) 326-6462
Fax: (202) 289-4021

2 December 1992

Dear AAAS*93 Topical Lecturer:

Enclosed is a galley of your talk as it will appear in the Annual Meeting Program book.

Some editing may have been performed to achieve style consistency and requested synopsis/abstract length. We ask that you review the page for typos, legibly print or type any changes, and fax it to 202-289-4021, Attn: Sue O'Connell, as soon as possible but BEFORE FRIDAY, 11 DECEMBER. Please do not call in changes, even if they are minor -- at this busy time, we need to work from hard copy.

Thank you in advance for your prompt response to this request. If you have any questions, call me at 202-326-6714.

Sincerely yours,

Sue O'Connell

Sue O'Connell
Program Editor

"Document Control"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9203551

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: HERZBERG, Agnes M.: STATISTICAL SOCIETY OF CANADA

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 12/01/92

SUBJECT: AN INVITATION TO DELIVER A LECTURE AT THEIR MEETING.

DIRECTORATE

STAFF

ASSIGNED: D. Allan Bromley

ASSIGNED:

ACTION
REQUIRED:

STAFF
ACTION:

SENDER'S DUE DATE:

OSTP DUE DATE: 12/23/92

STAFF DUE DATE

DATE COMPLETED:

DATE COMPLETED/DEPT:

COPIES TO:

WHITE HOUSE TRACKING #:

CONTACT PERSON:

PHONE:

EXT:

REMARKS:

OSTP RECEIVED: 12/09/92
FILE: P-INVITATION-SPEECH

DEPT RECEIVED:

CENTRAL FILES:

3551

SSC Statistical Society of Canada
Société Statistique du Canada

Past President
Agnes M. Herzberg

Department of Mathematics and Statistics
Queen's University, Kingston, Ontario
K7L 3N6, Canada
Telephone: 613-545-2390
Fax: 613-545-2964

December 1, 1992

Professor D. A. Bromley
Assistant to the President
for Science and Technology
Office of Science and Technology Policy
Executive Office of the President
White House
1600 Pennsylvania Ave. N. W.
Washington, D. C. 20500
U. S. A.

Dear Professor Bromley,

Last June at the meeting of the Statistical Society of Canada, I organized an invited session on Statistics and Science. A biologist, M. B. Fenton (York University) and a physicist, A. T. Stewart (Queen's University), spoke; a large number of members found the lectures very interesting.

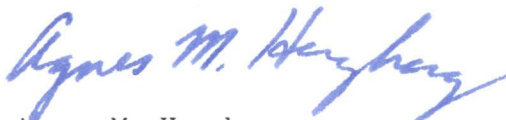
Because of the previous success, the Society has decided to have another session at its next meeting which will be held at the University of Acadia in Wolfville, Nova Scotia, from June 7 - 9, 1993. In my capacity as Chairman, I would like to invite you to present a lecture at that session. Your views on science, pure and applied, and/or science and the public purse or something you think is of interest to an audience of statisticians would be appropriate. Another possibility would be the lecture you gave at Queen's University last February on climate change with perhaps a more statistical slant. The length of the lecture should be between thirty and forty minutes.

I hope very much you will be willing and able to accept this invitation. All your expenses will be covered.

I look forward to hearing from you.

With best wishes,

Yours sincerely,


Agnes M. Herzberg

AMH: jn

"Document Control"

TYPE: MEETING REQUEST

DOCUMENT NUMBER: 9203549

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: SETSER, Brad

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 11/23/92

SUBJECT: HE IS REQUESTING A MEETING WITH DR. BROMLEY TO
DISCUSS THE RIO SUMMIT FOR HIS SENIOR HONORS ESSAY.

DIRECTORATE

STAFF

ASSIGNED: ENVIRONMENT

ASSIGNED:

ACTION

STAFF

REQUIRED: AS NECESSARY

ACTION:

SENDER'S DUE DATE:

OSTP DUE DATE: 12/18/92

STAFF DUE DATE

DATE COMPLETED:

DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

PHONE:

EXT:

REMARKS:

OSTP RECEIVED: 12/07/92

DEPT RECEIVED:

FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES:

Meeting set
w/ DAB
1/6/93.

Please close
out.

4. B
12/21/92

3549

November 23, 1992

Brad Setser
Quincy House Box #440
Harvard College
Cambridge, MA 02138
(617) 493-7691

D. Allan Bromley
Assistant to the President for Science and Technology
Old Executive Office Building
17th and Pennsylvania Avenue NW
Washington, DC 20500

Dear Mr. Bromley:

I am a senior at Harvard University writing my senior honors essay on the international politics of global warming under the direction of Professor Robert Putnam. Specifically, I am comparing the policies and strategies pursued by the United States and Great Britain at the Rio "Earth" summit. In order to have a complete account of the negotiations that preceded the Rio summit, I am seeking the perspective of all key players in the negotiations.

I will be in Washington D.C. from Monday, January 4 to Friday January 8, 1993. If possible, I would like to meet with you during this time period. I understand that you played a key role in crafting the American position on global warming, so speaking with you should be especially rewarding.

I will take the liberty of calling your office within the next two weeks to see if we can establish a mutually convenient time to meet.

Thank you for your time and assistance.

Sincerely,



Brad Setser

"Document Control"

TYPE: MEETING REQUEST DOCUMENT NUMBER: 9203521
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: DUBOIS, Raymond F.: DIGITAL EQUIPMENT CORPORATION

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 11/25/92

SUBJECT: HE IS OFFERING TO SET UP A DEMONSTRATION OF THEIR
NEW EQUIPMENT.

DIRECTORATE STAFF
ASSIGNED: INDUSTRIAL ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 12/16/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS:

No action needed



OSTP RECEIVED: 12/03/92 DEPT RECEIVED:
FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES:



Digital Equipment Corporation
1331 Pennsylvania Avenue, NW
Suite 600
Washington, DC 20004

3521

RECEIVED

92 DEC 2 P4:45

OSTP
MAIL ROOM



November 25, 1992

Dr. D. Allan Bromley
Assistant to the President
Science & Technology
1600 Pennsylvania Avenue, N.W.
Washington, D.C. 20500

Dear Dr. Bromley:

On November 10th over 600 of our federal government, aerospace and defense electronics customers, members of the media and industry analysts joined Digital's senior officials in Washington for the announcement and demonstration of the first generation of Alpha AXPTM applications, systems, software and services.

The Alpha AXPTM program's open architecture has generated intense market and media interest and has attracted over 1,000 software vendors migrating more than 2,000 applications. Bill Gates of Microsoft has described Alpha AXPTM systems as "absolutely world class technology." Many of the nation's major newspapers and all of the trade press carried articles on the importance of the announcement.

Based on Digital's new, full 64-bit RISC chip, the world's fastest microprocessor, the Alpha AXPTM "universal platform" is Digital's revolutionary open system, and it will have a major impact on the information technology arena and on America's competitiveness.

As Washington is an especially important market (20% of Digital's U.S. revenues are derived from U.S. government sales), you will be hearing more about this revolutionary computing system in the future. We would like to keep you up-to-date on Alpha AXPTM computing and would be pleased to arrange a private demonstration or interviews for you.

In the meantime, I am enclosing a concise specification sheet and our new Alpha AXPTM brochure.

Sincerely,

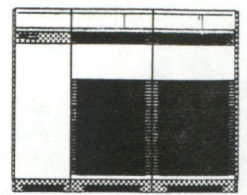
A handwritten signature in dark ink, appearing to read "Ray DuBois".

Raymond F. DuBois, Jr.
Director of Strategic Plans and Policies
Aerospace, Defense Electronics and Government Group

Enclosures



Alpha AXP Systems Comparison Chart



	DEC 3000 Model 400 AXP Workstation and Model 400S AXP Desktop System	DEC 3000 Model 500 AXP Workstation and Model 500S AXP Deskside System	DEC 4000 AXP Distributed/Departmental System	DEC 7000 AXP Data Center System	DEC 10000 AXP Mainframe-Class System
Number of Processors	1	1	Model 610: 1 Model 620: 2	610: 1 620: 2 630: 3 640: 4 650: 5 660: 6	610: 1 620: 2 630: 3 640: 4 650: 5 660: 6
CPU Clock Speed	DECchip 21064 133 MHz	DECchip 21064 150 MHz	DECchip 21064 160 MHz	DECchip 21064 182 MHz	DECchip 21064 200 MHz
Cache Size (on chip/on board)	8 KB I-cache, 8 KB D-cache/ 512 KB	8 KB I-cache, 8 KB D-cache/ 512 KB	8 KB I-cache, 8 KB D-cache/ 1 MB per processor	8 KB I-cache, 8 KB D-cache/ 4 MB per processor	8 KB I-cache, 8 KB D-cache/ 4 MB per processor
SPECfp92	112.2	126.0	143.1	182.1	200.5
SPECrate_fp92	2631.6	2967.4	610: 3317.1 620: 6214.5	610: 4126.0 640: 15739.4	640: 17187.2
SPECint92	65.3	74.3	83.5	96.6	106.5
SPECrate_int92	1549.3	1762.1	610: 1985.8 620: 3816.1	610: 2188.6 640: 8366.8	640: 9107.9
SPECmark89 SPECthruput89	108.1	121.5	Model 610: 136.2 Model 620: 248.8	Model 610: 167.4 Model 640: 604.4	Model 610: 184.1 Model 640: 654.6
LINPACK 100x100 (Mflops)	26.4	30.2	36.3	38.6	42.5
Dhrystone V1.1 (MIPS)	129.9	146.7	158.8	177.3	194.5
Max. Memory (4/16-Mbit chip)	128 MB / 512 MB*	256 MB / 1 GB*	512 MB / 2 GB*	2 GB / 14 GB*	2 GB / 14 GB*
Maximum Disk (in cabinet/total)	2.1 GB / 9.5 GB	4.2 GB / 11.6 GB	16 GB / 56 GB	29.4 GB / 200 GB over 10 Terabytes*)	29.4 GB / 200 GB (over 10 Terabytes*)
Maximum I/O	90 MB/sec.	100 MB/sec.	160 MB/sec.	400 MB/sec.	400 MB/sec.
I/O Support	Both systems: 2 SCSI-2, 3-slot TURBOchannel, Ethernet, FDDI, ISDN*, Prestoserve*, DECram Workstation: Voice-Quality Audio	Both systems: 2 SCSI-2, 6-slot TURBOchannel, Ethernet, FDDI, ISDN*, Prestoserve*, DECram Workstation: Voice-Quality Audio	4 SCSI-2, Fast SCSI-2*, 4 DSSI, 6-slot Futurebus+, Ethernet, FDDI*, Prestoserve*, HiPPI*, IPI, VME*, DECram	4 12-slot XMI, 3 9-slot Futurebus+, 10 CI*, 24 DSSI*, 24 SCSI-2**, 16 Ethernet, 8 FDDI, SDI, Prestoserve*, HiPPI*, IPI*, VME*, DECram	4 12-slot XMI, 3 9-slot Futurebus+, 10 CI*, 24 DSSI*, 24 SCSI-2**, 16 Ethernet, 8 FDDI, SDI, Prestoserve*, HiPPI*, IPI*, VME*, DECram
OpenVMS Clusters	Ethernet*, FDDI*	Ethernet*, FDDI*	Ethernet*, DSSI*, FDDI*	Ethernet*, DSSI*, CI*, FDDI*	Ethernet*, DSSI*, CI*, FDDI*
Workstation Graphics	HX, TX*, PXG+*, PXGT+*	HX, PXG+*, PXGT+*	n/a	n/a	n/a
Entry System Price--US List	\$14,995 (W/S) \$18,995 (server)	\$38,995 (W/S) \$41,195 (server)	\$77,000	\$168,000	\$316,000
ADVANTAGE-SERVER Price	\$20,720 (server)	\$44,395 (server)	\$102,500	\$187,000	\$344,000
Availability Date	November 1992	November 1992	November 1992	November 1992	Q1, calendar 1993

* Available with upcoming operating system release. ** Eight (8) SCSI-2 controllers supported initially.
Features may differ between OpenVMS AXP and DEC OSF/1 AXP systems. n/a = not applicable.

11/30/92.4

digital

Alpha AXP

21st Century Computing

Imagine a Time of ...

Unbounded performance and capacity

Unlimited choice

Unprecedented longevity

... for Uses Beyond Your Wildest Dreams

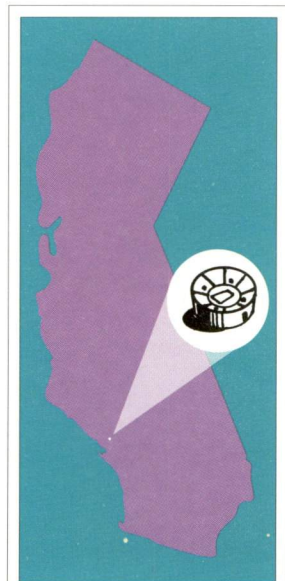
That Time is Now!



digital™

Alpha AXP Computing: The Reality

The Alpha AXP™ computing environment delivers value now and over the long term. It enables you to build your computing environment based on products from a solutions leader. And it offers the best technology, a universal platform, ease of doing business, and the broadest range of industry solutions and services to help you.



64-bit computing enables you to address 4 billion times more data than you can address with 32-bit systems.

Think of it this way — if 32-bit computing gave you an area the size of the Rose Bowl Stadium, with 64-bit you get the entire land area of California!

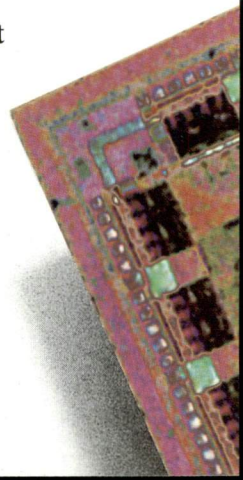
Alpha AXP computing is a fundamentally new approach. It is rooted in widespread partnerships, an extensive new definition of openness, innovative business practices, and a complete family of systems you can buy today with the best price/performance in the industry.

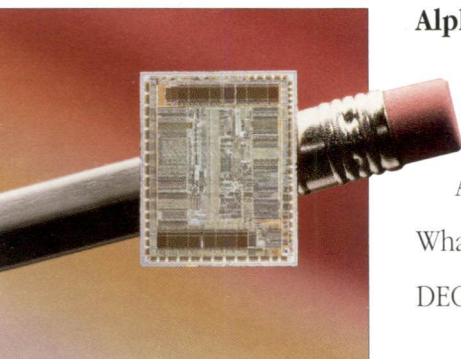
Alpha AXP computing changes the nature of your MIS investment. Alpha AXP technology is designed to evolve and become even more productive over a 25-year life span. Your computing systems, software, and support no longer are short-term expenses. Instead they become productive long-term investments, offering a superior return. With Alpha AXP computing, Digital and our Alpha AXP partners can help you boost productivity and profitability through:

- the openness of a universal platform.
- the combined strength of partners who bring you the broadest range of solutions.
- new business practices focused on customer needs, attractive new licensing, and consistent competitive pricing.
- new systems and software that use your current applications and peripherals.
- current products from Digital, which have the Alpha AXP future built in.

The Alpha AXP microprocessor is the world's fastest. The 200 MHz DECchip 21064 microprocessor is recognized by the *Guinness Book of World Records* as the World's Fastest Microprocessor.

The Alpha AXP architecture is a full 64-bit RISC implementation (Reduced Instruction Set Computing) architecture. It takes computing into the 21st century with the ability to address 4 billion times more information than a 32-bit system. This innovation will provide the power, speed, and flexibility to harness the computer-based technologies of the next century. Object-oriented software, global networks, multimedia, real-time imaging, financial and scientific modeling, artificial intelligence, and virtual reality will be just the beginning.





DIGITAL'S DECCHIP 21064:

*The world's fastest microprocessor packs
1.6 million circuits onto this small area.*

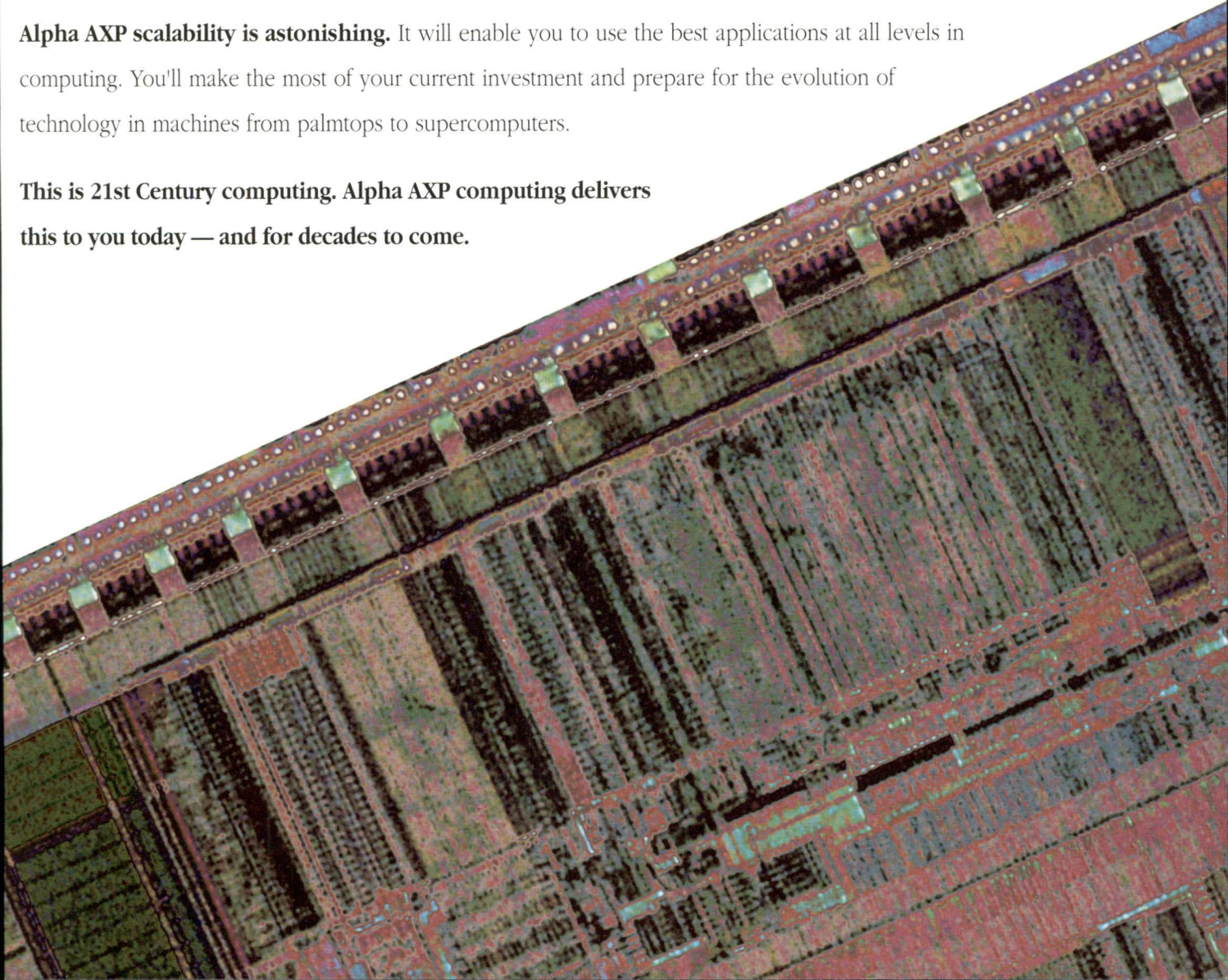
Alpha AXP redefines open computing with partnering in technology, software, services, and business practices. For the first time, a truly open, universal platform will support and implement all key standards. AXP systems will be manufactured and marketed by multiple vendors. What's more, it will support your choice of operating systems, beginning with DEC OSF/1® AXP, OpenVMS AXP, and Windows™ NT AXP.

Alpha AXP systems continue Digital's tradition of offering platforms that are revolutionary when introduced and evolutionary over a long life. The

AXP architecture has a 25-year design horizon during which it will accommodate many generations of microprocessor improvements. Designed-in compatibility will help you take advantage of the highest available performance while protecting your investment in applications, networking, user interfaces, peripherals, and training. It's a long-term investment that makes you more productive today *and* tomorrow.

Alpha AXP scalability is astonishing. It will enable you to use the best applications at all levels in computing. You'll make the most of your current investment and prepare for the evolution of technology in machines from palmtops to supercomputers.

This is 21st Century computing. Alpha AXP computing delivers this to you today — and for decades to come.



Operating Environments: Your Choice

With Alpha AXP computing, Digital extends "open computing" to universal computing. The Alpha AXP architecture is designed to accommodate any operating system or programming language — today's, and those yet to be invented. It works with the systems you invest in today as well as tomorrow. It supports DEC OSF/1 AXP, OpenVMS AXP, and Windows NT AXP. This means you can use the applications that run on any of these operating systems.

x/Open 

DEC OSF/1 AXP

DEC OSF/1 AXP is based on the only UNIX[®] operating system developed through an open, vendor-neutral process. DEC OSF/1 AXP offers exceptional benefits:

- portability across the broadest range of platforms ever.
- state-of-the-art UNIX features, such as DCE and DME.
- one of the richest selections of software applications ever assembled.

**DEC
OSF/1**

And it's available from Digital *first*.

OpenVMS AXP

An investment in open technology is an investment in the future and a competitive edge now. OpenVMS AXP gives you both, combined with the industry's best software functionality. For your most business-critical applications, OpenVMS AXP provides all the benefits you expect from Digital's most popular operating system:

- unmatched world-class functionality proven by more than 10 million users.
- industry leading open multivendor computing.
- leadership price/performance across the board.
- the best future built in with today's Alpha AXP and Alpha-ready systems.

OpenVMS

Windows NT AXP

Alpha AXP systems will run Microsoft's Windows NT. Through Windows NT AXP, the tens of millions of people who use DOS and Windows-based applications today can continue to use them tomorrow — on Alpha AXP-based systems that run many times faster than today's fastest PCs. And new Windows NT applications are being developed that will open up computing possibilities yet to be conceived.

WINDOWS NT

There are 120 million people using these operating systems today. Alpha AXP computing will take them into the 21st century.

OpenVMS AXP No Compromise Computing

- Leadership Functionality
- Leadership Price/Performance
- Leadership Open Multivendor Computing
- Best Future Built In with Alpha and Alpha-ready systems today

DEC OSF/1 AXP Unified UNIX from Digital

- Long-lasting — a modular, 64-bit UNIX from the kernel out
- Unified — first UNIX to unify BSD, OSF, and System V
- Complete — Leading 64-bit UNIX operating environment

Alpha AXP: A Complete Family of Systems Now

On November 10, 1992 Digital unveiled a complete family of new Alpha AXP-based systems. These range from the world's fastest desktop workstation all the way to a multiprocessing, mainframe-class machine. These systems offer unbeatable price/performance across the whole range of user needs. Digital's Alpha AXP systems are the hottest of today's systems. But speed is only one element of Alpha AXP performance.

Alpha AXP systems also give you:

- scalability — from a desktop workstation to a mainframe-class system.
- your choice of three operating systems and thousands of applications.
- compatibility with what you use today.
- workstations with the widest range of graphics capabilities.
- networked servers that support the largest number of users.

Alpha ready

Digital offers a range of industry leading systems today that are all Alpha-ready. When your requirements demand Alpha AXP computing, getting there is simple.

Digital's current VAX and DECsystem computers are the perfect entry into the world of Alpha AXP computing. They are fully compatible with Alpha AXP systems, so your investment today in VAX and DECsystem products is also an investment in the future.

Add AXP systems to your current Digital environment at your own pace, when you're ready. To help you, Digital offers the Alpha-ready Program. This is a selection of simple, cost-effective investment protection plans. With the Alpha-ready Program, you buy VAX and DECsystem computers today, and move up to Alpha AXP systems when you're ready — at a guaranteed price. It's that simple.

System Comparison Chart

	DEC 3000 Model 400 AXP Workstation and Model 400S AXP Desktop System	DEC 3000 Model 500 AXP Workstation and Model 500S AXP Deskside System	DEC 4000 AXP Distributed/Departmental System	DEC 7000 AXP Data Center System	DEC 10000 AXP Mainframe-Class System
SPECmark89/ SPECthruput	104+	118+	Model 610: 132+ Model 620: 243+	Model 610: 163+ Model 640: 530+	Model 610: 180+
Number of Processors	1	1	Model 610: 1 Model 620: 2	Model 610: 1 Model 620: 2 Model 630: 3 Model 640: 4 Model 650: 5 Model 660: 6	Model 610: 1 Model 620: 2 Model 630: 3 Model 640: 4 Model 650: 5 Model 660: 6
CPU/Clock Speed	DECchip 21064/ 133 MHz	DECchip 21064/ 150 MHz	DECchip 21064/ 160 MHz	DECchip 21064/ 182 MHz	DECchip 21064/ 200 MHz
Maximum Memory (4-Mbit chip/16-Mbit chip)	128 MB/ 512 MB*	256 MB/ 1 GB*	512 MB/ 2 GB*	2 GB/ 14 GB*	2 GB/ 14 GB*
Maximum Disk (in cabinet/total)	2.1 GB/ 9.5 GB	4.2 GB/ 11.6 GB	16 GB/ 56 GB	28 GB/284 GB (over 10 Terabytes*)	56 GB/284 GB (over 10 Terabytes*)
Maximum I/O Throughput	90 MB/sec.	100 MB/sec.	160 MB/sec.	400 MB/sec.	400 MB/sec.

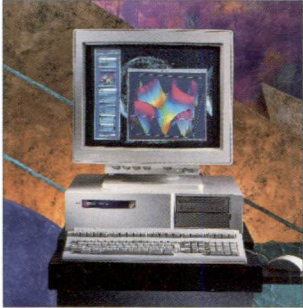
* Available with upcoming operating system release.

Here is today's Alpha AXP system lineup:

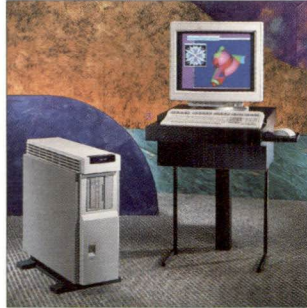
The **DEC 3000 AXP** family includes powerful desktop and desktide workstations and servers, including the world's first over 100 SPECmark desktop system, and your choice of six levels of graphics performance. Even your most complicated applications will run faster than ever.



DEC 3000 MODEL 400S AXP



DEC 3000 MODEL 400 AXP



DEC 3000 MODEL 500 AXP



DEC 3000 MODEL 500S AXP



DEC 4000 AXP



DEC 7000 AXP



DEC 10000 AXP

The **DEC 4000 AXP** departmental server includes a higher level of I/O and the ability to almost double performance by adding another processor. Its simple go-anywhere office packaging makes it an ideal choice for fast-changing and fast-growing environments.

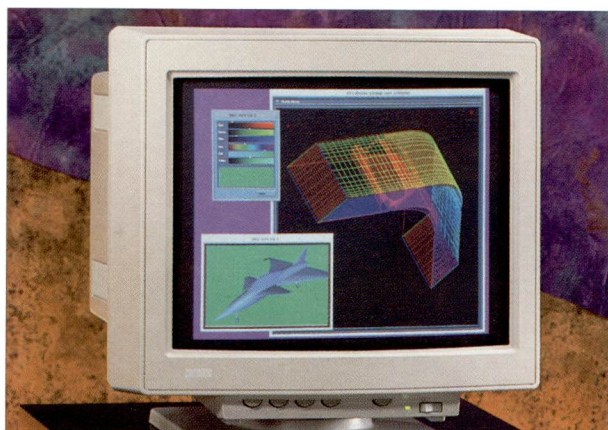
The **DEC 7000 AXP** servers offer even more power and expandability. They revolutionize data center computing with unsurpassed performance and price/performance and the most expandable design in the industry. Their modular platform design enables you to add up to six processors and huge I/O capability as your needs grow.

The **DEC 10000 AXP** server is the world's fastest enterprise-wide system and includes many built-in mainframe-class features and support — such as redundant power and extensive support services — to run your largest compute-intensive, commercial applications. No traditional mainframe offers this level of performance and expandability for anywhere near the price.

Alpha AXP systems run today's applications faster, and they have the performance and capacity to run the applications of the future. They protect your computing investment with a clear, cost-effective growth path based on the Alpha AXP architecture.

Applications: The Ones You Need

a/Soft Development, Inc. • A/S/T/R • A.S. THOMAS, INC. • ABACUS Software, Incorporated • AB
 Kraftwerksleittechnik GmbH • ABB Simcon Inc. • ABB Strömberg Power Oy • ABB SYSTEMS CONTRO
 INC. • ABC Smart Software • ABS – American Business Systems • Accel8 Technology Corporation •
 Access International • ACT Sigmex Ltd. • Acucobol, Inc. • ADAC LABORATORIES • ADINA R & D, Inc.
 • ADL DATA SYSTEMS, INC. • AdminTec a.s. • ADMINIS, Inc. • ADNET Information Systems • ADRA
 Systems, Inc. • Advanced Data Management, Inc. • Advanced Digital Data, Inc. • Advanced System
 Management, Inc. • Advanced Systems Concepts,
 • AlCorp, Inc. • AimTech Corporation • AIS Ges.r
 • AMDOCS Inc. • American Phoenix Computer Ser
 • AMS • Anacad, Inc. • Analytical Graphics, Inc.
 Corporation • ANTRIM CORPORATION • Apogee
 Applied Computer Solutions Inc. • Applied Informc
 Terravision Systems Inc. • APPX Software, Inc. •
 Inc. • ASA International Ltd. • ASA Legal Systems
 Systems • Aspen Technology, Inc. • ATRION CORI
 Automated Financial Technology, Inc. • Automated
 Aviation Computing Services, Inc. • Axis Compute
 INT'L • Basmark Corp. • Battle Green Software,
 Beacon Expert Systems, Inc. • Beckman Instrumer
 Birmingham Computer Group, Inc. • Blossom/Cat
 BRANDT, INC. • Breuer & Co. • Bristol Technolog
 Systems Resources, Inc. • BusinessWise, Inc. • B
 Ltd. • CADENCE DESIGN SYSTEMS INC. • Cadre 1
 Caldwell-Spartin, Inc. • Calidus Systems Limited
 SOFTWARE SOLUTIONS, INC. • Campus America
 Systems, Inc. • CashHandler Retail Systems Inc.
 Inc. • Central Area Data Processing • Century Dy
 Inc. • Chemical Design Inc. • Chesapeake Decision
 Cimage Corporation • CIMCORP Factory Controls
 Incorporated • CIMPLEX Corporation • Cimtek A
 • CIS • Citymax Integrated Information Systems
 Management Solutions, Inc.) • CODA Incorporated
 SYSTEMS, INC. • CogniSeis Development, Inc. •
 Cognos Incorporated • Coherent Systems, Inc. •
 Computer Services • Communications Software, I
 INFORMATIQUE • ComplInfo, Inc. • Compu-Share
 CompuServe Data Technologies • Computer Aided
 COMPUTER AUTOMATION INC. • COMPUTER EN
 • Computer Software Packages • COMPUTERVIS
 Inc. • COMPUTRON TECHNOLOGIES CORPORATION • COI
 • Concentration, Heat and Momentum (CHAM) • Consilium,
 Software Technology • Corstar Business Computing Co., Inc. • Cortex Corporation • CPlex Optimizati
 Inc. • Cray Research, Inc. • CRC International Business Solutions • CSAR Corporation • CSSC, Incorpor



• Real-Share Inc. • Real-Time USA, Inc. • Recital Corporation • REL-TEK Systems & Design, Inc. • Cy
 • Research & Planning, Inc. • Research Systems, Inc. • Resource Systems Corporation • RGTI • Cyb
 System/Software • Richter Management Services, Inc. • RJN Environmental Associates, Inc. • RMS
 Technologies, Inc. • Rocket Science, Inc. • Ross Systems, Inc. • RSK Consulting, Inc. • RSS Marketing, In
 Rugged Digital Systems Inc. • Russell Information Sciences, Inc. • Sabre Systems and Service • Saiga Sy:
 • Salerno Manufacturing Systems, Inc. • Sanchez Computer Associates, Inc. • Sandata, Inc. • Sandwell
 PO Incorporated • Scanditronix Inc. • SCANTECH
 SCJ Consulting, Inc. • Schlumberger CAD/CAM •



Already nearly 900 suppliers who produce more than 1,600 applications are committed to porting their products to the Alpha AXP platform. And more are signing on daily.

oration • SDK Healthcare Information Systems
 software America • SecaGraphics, Inc. • Se
 A • SharpImage Software • S.I. Inc. • SI
 incorporated • SILVACO International • Sin
 IS Datenverarbeitung Ges.m.b.H • Smallw
 Inc. • Software Maintenance and Developm
 /32, INC. • Software Quality Automation
 A/S • SPAR Associates, Inc. • Speakeasy
 • SPS • SPSS, Inc. • Spyglass, Inc. • SQ
 • S.R.B. International Ltd. • Stauffer • C
 s. • Strategic Systems International • Dar
 ST INFORMATION SYSTEMS • Sunrise Soft
 Inc. • SYMBOLICS, Inc. • SYNERGEN • D
 Computer Technologies, Inc. • System
 oration • SYSTEMA GesmbH & Co KG • S
 , Inc. • Systems & Computer Technology
 SNERS SOFTWARE • Systems Innovation I
 ational, Limited • Talarian Corporation • T
 lascom, Inc. • Tasking BV • TATE INTEGRA
 on • TELE CONTROL Kommunikations und
 echnologies • Teradyne, Inc. • Texas
 Division • TextBase Imaging, Corp. • TG
 1 • THE DATASTORE INCORPORATED • TI
 tion • The MathWorks, Inc. • The Parksic
 ip, Ltd. • The Sombers Group, Inc. • The
 bred Software International • TMT Group
 Transportable Software Intl., Inc. • Triang
 poration • TURN-KEY DISTRIBUTION
 ture • Unidata, Inc. • UNIFACE • UniPre
 • Unitronix Corp. • University of Georgia
 et Automation, SAGE Division • VARNET
 IONS • ViewLogic Systems, Inc. • Village
 AL CYBERNETICS, CORP. • Visual Solutior

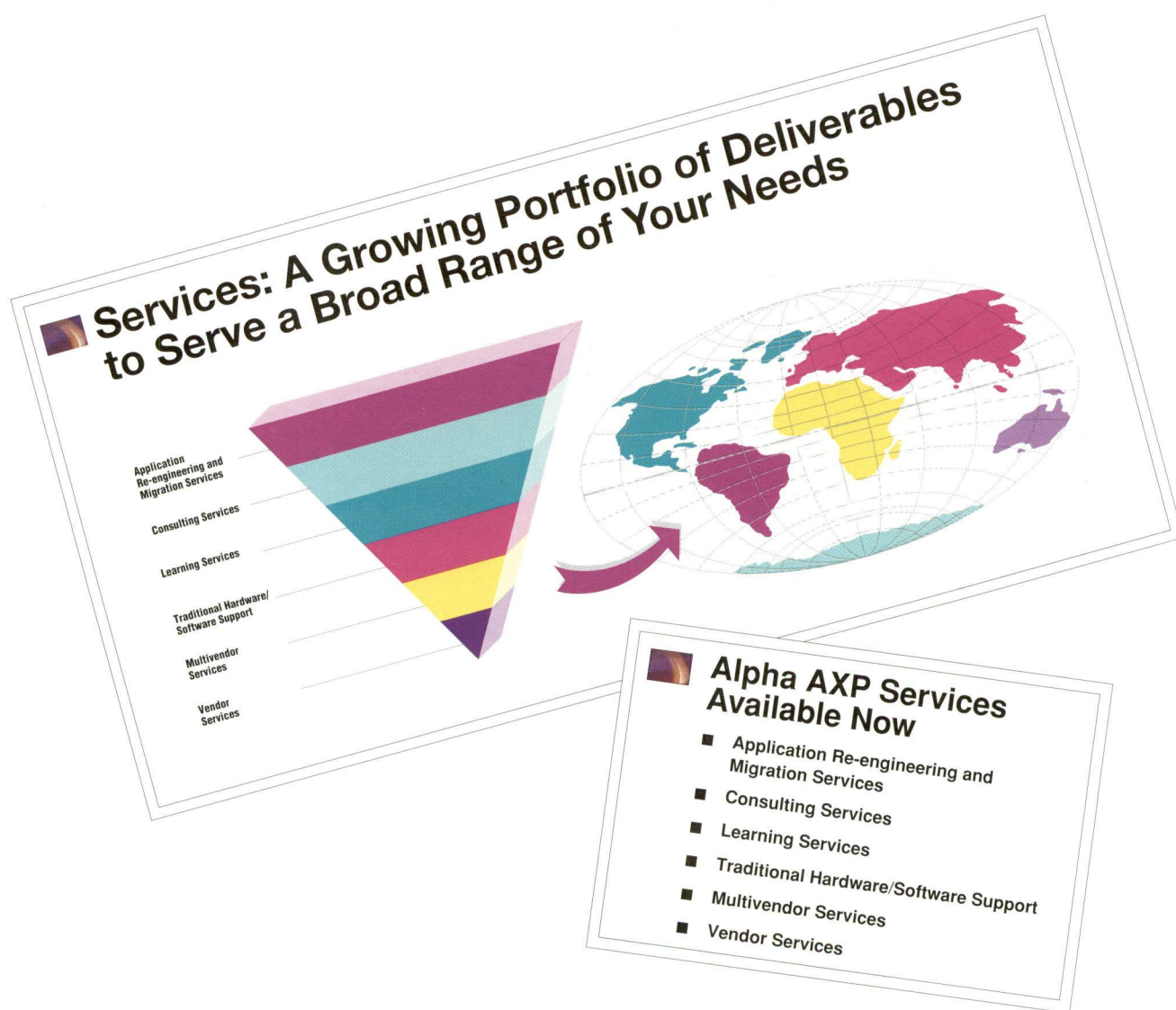
Inc. • VLSystems • VOEST-ALPINE Industrieanlagenbau GmbH • W. Quinn Associates • Waterloo
 Maple Software • Wilco Communications, Inc. • Wilke/Thornton, Inc. • Willow Information Systems

Services: Support if You Need It

Digital integrates information systems to support your business success.

Whether your concern is on-site or remote support services, application migration and re-engineering, outsourcing, training, desktop integration, or management and integration of a multivendor computing environment, Digital can help.

We provide a single point of responsibility for all your service and support needs for Digital and non-Digital systems, from desktop to data center, worldwide. More than 40,000 Digital employees, business and technical consultants, systems integration experts, and support people work directly with customers around the globe. Digital is prepared to plan, design, implement, and manage every element of your information infrastructure.





"...the most exciting news I've seen in 20 years"

"I've been in the computer industry for 20 years, and this is really the most exciting news that I've seen in 20 years."

— *Steven Cadner,
President
AEON Systems*

"We selected Alpha AXP for three reasons — performance, performance, and performance. Our objective was to find a platform or computational device [with] the highest computational performance there is. And we believe the Alpha AXP processor does that."

— *John Rollwagen,
CEO
Cray Research, Inc.*

"It's a virtue to have multiple operating systems on the same hardware and to have those operating systems conform to open systems standards.

This allows us to write applications once, for different environments, and that really makes a huge difference in terms of our investment to create applications for our customers. Instead of trying to understand differences among operating systems, we focus on functionality."

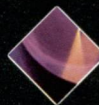
— *Eric Carlson,
President
ASK Computer Systems*

"Alpha AXP can revolutionize the computer industry again. In many ways it can be described as a truly universal open system. Alpha AXP ... raises the bar on the definition of open."

— *Rosemary O'Maboney,
Director of Digital
Practice, Worldwide
Andersen Consulting*

"DEC is going to be two-and-a-half to three years ahead of IBM in terms of ... mainframe and mid-range systems, scalability, and a very easy migration path."

— *Michael Erbschloe,
Editor-in-Chief
Computer Economics*



For More Information

For more information on the Alpha AXP family and Digital's many other products, please contact your local Digital representative or business partner. With sales and services located all over the globe, Digital can provide the information you need to become more productive.

Alpha AXP Information within Seconds

Now you can get information about Alpha AXP computing in just seconds through Digital's Alpha AXP Fast FAX Service. Just dial one of the numbers listed below, and follow the simple voice prompts by pressing keys on your touchtone phone. Select information on the topics that interest you, and within seconds your FAX machine will start printing concise, short overviews on a variety of Alpha AXP subjects.

800-842-7027	U.S. and Canada (touchtone phone only)
415-694-3916	Outside U.S. and Canada (from any FAX machine)

Digital believes the information in this publication is accurate as of its publication date; such information is subject to change without notice. Digital is not responsible for any inadvertent errors.

The following are trademarks of Digital Equipment Corporation: Alpha AXP, AXP, the AXP logo, DEC, DECchip, DECsystem, the DIGITAL logo, OpenVMS and VAX.

OSF/1 is a registered trademark of Open Software Foundation, Inc. Windows is a trademark of Microsoft Corporation. UNIX is a registered trademark of UNIX System Laboratories, Inc. SPECmark89 and SPECthruput are trademarks of the Standard Performance Evaluation Corporation.

digitalTM



ALPHA AXPTM

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9203538

ORIGINATOR: 02

SPEECH: YES NO

FROM: CHEN, Hsi-Tseng: CHUNG YUAN CHRISTIAN UNIVERSITY

DATE OF EVENT: 05/11/93 THRU: 05/14/93
TENTATIVE DATES:

LOCATION OF EVENT: TAIWAN, REPUBLIC OF CHINA

TIME OF EVENT:

SUBJECT: AN INVITATION TO SPEAK AT THEIR CONFERENCE.

RSVP: 12/18/92

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED? YES NO

COPIES TO: INTERNATIONAL/POL

REMARKS:

DATE OF LETTER: 10/23/92

DATE RECEIVED: 12/04/92

FILE: P-INVITATION-SPEECH

3538

中原大學
Chung Yuan Christian University
Chung-Li, Taiwan 32023, Republic of China

Physics Department, Tel: 03-456-3171 Ex 3200,
Fax: 03-456-3160, Email: ming@phys 730.cycu.edu.tw

Dr. D. Allen Bromley
Assistant to the President Science Policy
OSTP, The White House
1600, Pennsylvania Avenue
Washington D. C. USA

From the Office of
Hsi-Tseng Chen
Professor of Physics, CYCU
Executive Secretary
Organizing Committee of
International Symposium on
Nuclear Structure Physics Today 1993
Email: cwu@phys 730.cycu.edu.tw
Oct. 23, 1992

Dear Professor Bromley:

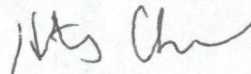
We at the Chung-Yuan Christian University In Chung-Li, Taiwan, Republic of China, are organizing a major international symposium entitled NUCLEAR STRUCTURE PHYSICS TODAY from May 11th through 14th, 1993. This conference will dovetail with the happy occasion of President Arima and Professor Iachello receiving honorary degrees from our University.

In organizing the conference, we have followed the thought of having discussions by experts, both locally and from the international community, on most of the current exciting developments of the field (experimentally and theoretically), and also some exciting issues confronting nuclear astrophysics.

It is of course well recognized that you are one of the most prominent senior statesman of the field and we would very much like to invite you as our conference speaker, during which you could share with us your wisdom about your sense of the direction of the field, its robustness (if so), and what important unanswered questions lie ahead.

It will be our pleasure to provide you with the travel (business class) and local expenses. we look forward to this opportunity of welcoming you to Taiwan.

Warmest regards



Hsi-Tseng Chen

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9203537

ORIGINATOR: 02

SPEECH: YES NO

FROM: PAUL, William F.: UNITED TECHNOLOGIES

DATE OF EVENT: 04/29/93 THRU: 04/29/93
TENTATIVE DATES:

LOCATION OF EVENT: SPRINGFIELD, MASS.

TIME OF EVENT:

SUBJECT: AN INVITATION TO SPEAK AT THEIR FIFTH ANNUAL
CONFERENCE AND TECHNOLOGY EXPOSITION.

RSVP: 12/18/92

CONTACT PERSON: OXLEY, Kay

CONTACT NUMBER: 202-336-7463

INVITATION ACCEPTED? YES NO

COPIES TO: INDUSTRIAL

REMARKS:

DATE OF LETTER: 11/24/92

DATE RECEIVED: 12/04/92

FILE: P-INVITATION-SPEECH



3537
Suite 600
1401 Eye Street, N.W.
Washington, D.C. 20005
202/336-7400, 336-7463

William F. Paul
Senior Vice President

November 24, 1992

Dr. D. Allan Bromley
Asst. to the President
for Science & Technology
Old Executive Office Building
Room 358
Washington, D.C. 20500

Dear Dr. Bromley:

The United Technologies Engineering Coordination Activities (UTECA) society is planning its fifth Annual Conference and Technology Exposition. This April 26-29, 1993 event is being held in Springfield, Massachusetts.

Our conference planning committee believes that you would be an extraordinary asset to the conference. Certainly I concur and would ask you to consider speaking at the Wednesday evening banquet on April 28, 1993 which is the highlight event. Your perspectives as an authority on this year's theme "Sharing Technology for Success Worldwide" would make an enormous contribution.

I am enclosing the latest UTECA News for your review. If we can provide additional information to help in your decision making, please call me or my secretary, Kay Oxley, 202/336-7463. I thank you for your consideration and hope to hear from you soon.

Sincerely,

A handwritten signature in blue ink, appearing to read "W. Paul".

William F. Paul

Enclosure

UTECA NEWS

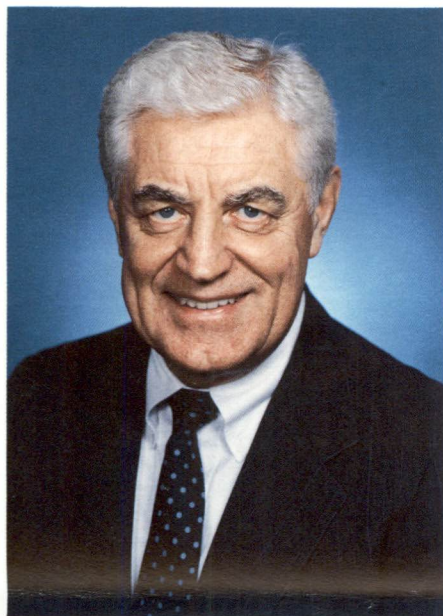


UNITED TECHNOLOGIES ENGINEERING COORDINATION ACTIVITIES
VOL. 3 NO. 4 OCTOBER 1992

COPYRIGHT 1992 © UTECA

SHARING TECHNOLOGY FOR SUCCESS WORLDWIDE:

A MESSAGE FROM BILL HUBER, CHAIRMAN,
UTECA STEERING COMMITTEE.



WILLIAM J. HUBER

UTECA, our UTC engineering society, has had a very successful past and is a benchmark for our industry. This success is due to the many individuals throughout the corporation who have contributed their time and talent to this grass roots organization, including individual contributors, group leaders, executive advisors, conference committee and steering committee. We also have been fortunate in receiving excellent leadership from the previous chairmen of the UTECA Steering Committee, including Sid Sattar, Ray Leoni, Bill Kerr and their predecessors.

UTECA has grown because of this success. We now have 16 groups covering the core generic technologies required by our products. The attendance at our last annual conference reached over 1,800

participant days. This interaction has resulted in a superb teaming relationship among people involved in technology throughout our corporation. Our engineers have learned that when they are confronted with a difficult task they can reach out to their peers to benefit from lessons learned and to share technical tools, facilities, and other resources to complete the tasks before them. The teaming has truly resulted in "Sharing Technology for Success Worldwide." We will continue to foster teaming arrangements in an ever-increasing fashion in the future.

While UTECA serves the corporation well, it also is an excellent vehicle for development of our engineers, whether in the early or late stages of their careers. Engineers gain exposure to their peers from other divisions and product lines, as well as to the wide array of technologies being developed by our 16 groups.

Perhaps one of the most important things we can do in the future is to achieve recognition by our customers as "best in class" in technology as a corporation. This encompasses not only our normal extension of technology, but also the developing of breakthrough technologies that can be the discriminators in obtaining future business and reducing our costs. UTECA can be a significant catalyst in the realization of these breakthrough concepts.

I look forward to an active year in assisting our grass roots organization in "Excelling in Technology's Changing World" (our 1992 conference theme). Please contact me with any suggestions you may have on how we collectively can build upon our significant success of the past. If you are not already involved in UTECA-sponsored activities, I encourage you to participate; thereby, giving and

receiving in the pursuit of technical excellence by the corporation and in the advancement of your career.

1992 UTECA AWARD TO JOHN OBLAK

BY KEN BELSON

The 1991 UTECA Conference instituted the "UTECA Award." This award is given to individuals who have given of themselves in the service and commitment to UTECA. The Conference Planning Committee and Group Leaders select the recipient of the award. The 1991 Award went to Ray Leoni, Senior Vice President, Engineering and Operations, Sikorsky Aircraft.

The 1992 Award, by unanimous selection, went to John Oblak, Manager, Manufacturing Science and Technology, UTRC.

John has been with UTECA since 1976 in a technical or advisory capacity. John, as part of Dr. Bob Hermann's Office of Science and Technology, was the UTECA connection with the Corporate Office. He provides the 'sanity checks' for ideas and concepts and ensures UTECA direction is supportive of corporate objectives. John, among other things, encouraged the establishment of the UTECA Conference and has been part of the Planning Committee since the first Conference. His extensive networks within US industry and government has provided a source of speakers for the Conference and technical meetings. He championed the internationalization of UTECA by bringing representatives from Japan to the last two conferences. But more than this, John has provided the encouragement and enthusiasm in making UTECA become part of the UTC culture.

John is a colleague and a friend to all involved with UTECA and the Conference. John was given the 1992 UTECA Award in recognition of his inspiration and vision in making UTECA and the Conference what it is today.



One of 10 awards presented last June in Farmington. On behalf of the Engineering Operations Technical group, Tony Urban (HSD) accepted a plaque from Bill Kerr (P&W), Bill Huber and Ken Rosen (SIK).

UTECA OUTSTANDING GROUP ACCOMPLISHMENTS AWARDS

BY CURTIS COOK

Each year, one to five UTECA Groups are recognized for Outstanding Accomplishments. The Executive Advisors make the selection during the June Accomplishment & Plans meeting and their Steering Committee VP presents a plaque to the Group Leader who accepts on behalf of the UTECA Technical Group.

The recipients for 1991-1992 were:

- **Artificial Intelligence**, Tom Freund/P&W
- **Engineering Operations**, Tony Urban/HSD (see photo)
- **Fluid Dynamics & Acoustics**, Dave Joslyn/UTRC
- **Integrated Product Development**, Russ Krauss/Norden
- **Software Engineering**, Ray Spagnuolo/Sikorsky

Congratulations to all members of these five groups!
Your service to UTC is appreciated.

UTECA OUTSTANDING MEMBER AWARDS—1992

BY CURTIS COOK

The UTECA Group Leaders have instituted a new award, appropriately titled, the *UTECA Outstanding Member Award*. The purpose of the *Outstanding Member Award* is to recognize UTECA members who have promoted substantial interdivisional activity beneficial to UTC. Such activity results in significant benefits to the corporation. However, these activities may fall outside the technical and business objectives of the individual's operating unit; therefore, that individual may not seem to receive recognition appropriate to their activity. However, it should be remembered that this award is aimed at providing corporate recognition for the activities of individuals which result in the sharing of technology between units. Such activity is fundamental to the mission of UTECA.

Each year, individuals are nominated by their Technical Group Leaders prior to the Group Leaders' meeting in January. At this meeting, the Group Leaders will review the nominations and select the award recipients. These recipients receive a special invitation to the annual UTECA Awards Banquet where they are presented with a plaque by the appropriate member of the UTECA Steering Committee of his/her Delegate. At this year's UTECA conference, five people received the award: Ron Caron (Sikorsky), Jerry Golden (UTRC), Dick Grannells (Hamilton Standard), Lee Seitelman (Pratt & Whitney) and Art Wanderlingh (Hamilton Standard). Bill Kerr, the UTECA Steering Committee Chairman presented the honorees with their award at the Annual Awards Banquet of the 1992 UTECA Conference & Technology Expo.

It is the hope of UTC that this award will encourage all individuals to "Share Technology for Success Worldwide." If you know of an individual who is actively promoting the sharing of technology and resources between the various units of UTC and would like to see them receive recognition for their efforts, please contact your Technical Group Leader.

1993 UTECA CALENDAR OF EVENTS

DATE	LOCATION	GROUP/DESCRIPTION	CONTACT
10/22/92	HSD	Applications of Fuzzy Logic	Larry Foley 8-485-9695
12/92	UMass	Academic Site Visit— University of Massachusetts	Brad Whitehall 8-446-1604
4/26/93- 4/29/93	Springfield, Massachusetts	All 1993 UTECA Conference & Technology Expo	Professional Conferences, Inc. Ph: 714-753-8680 Fx: 714-753-7139

TECHNOLOGY TRANSFER AT THE ARTIFICIAL INTELLIGENCE UTECA

Starting this year, the Artificial Intelligence UTECA has taken a more active role in disseminating AI tools and methodologies relating to controls and knowledge-based systems.

We are already making available, through the Advanced Computing Technology Center (ACTC) at UTRC, copies of CLIPS, the NASA-developed tool for creating and deploying knowledge-based systems (see May 1992 issue of ACTC newsletter). This ACTC will also serve as a repository of reusable extensions to CLIPS contributed through the UTECA or by interested UTC employees. In addition, CLIPS training will be available to UTC employees at the ACTC. Contact Bob Erickson at 8-446-1636.

Our January 1992 seminar on Fuzzy Logic Controls and UTECA Conference tutorial were very well attended. At the tutorial, material was distributed on CLIPS and Fuzzy Logic. If you want to obtain copies of this material, contact Thomas Freund at 8-435-8449.

In addition, information on two Fuzzy Control tools developed at UTC, FPL2

and Lingo, were disseminated at these activities. Tutorials are planned for early 1993 on these tools. For more on FPL2, contact Kan Thangavelu (Otis) at 8-438-6267. For more on Lingo, contact Steve Phelps (UTRC) at 8-446-7975.

For this year, the focus of the AI UTECA will be on Machine Learning Techniques. That is, algorithms and representation techniques that improve the performance of a system over time. An example of Machine Learning methods are connectionist techniques from which the technology of Neural Networks emerged.

Besides an applications-oriented workshop on Machine Learning scheduled for Sept. 23, 1992, plans are in the works for a tutorial on Machine Learning as an afternoon concurrent session at the 1993 UTECA Conference.

Our newly-formed Intelligent Controls subgroup, jointly owned with the Control Systems UTECA, has gotten to a start this year by sponsoring through the UTC Technical Training Group, a Neural Networks Teleconference and Tutorial at the

1993 UTECA CONFERENCE & TECHNOLOGY EXPO EXHIBITORS

PARTIAL LISTING

ADRA Systems, Inc.
Advanced Graphite Technologies
Auto-trol Technology
Boeing
Bruel & Kjaer Instruments, Inc.
Camax Systems, Inc.
Computer Sciences Corporation
Computervision
Control Data Systems, Inc.
Convex Computer Corporation
DuPont
Gensym Corporation
IBM
Intergraph Corporation
Motorola, Inc.
National Instruments
Revere Aerospace, Inc.
Swanson Analysis Systems, Inc.
United Engineers, Inc.
UTRC Library
UTC TET Program Office

Hartford Graduate Center on June 1992. Hats off to Charles Malloch (PW) and Larry Foley (HSD) for their effort in getting this activity going.

A fuzzy control applications workshop is planned by this subgroup for October 22, 1992, at Hamilton Standard. Contact Larry Foley at 8-485-9695. For more on the Intelligent Controls subgroup, contact Charles Malloch at 8-435-4084 or Kan Thangavelu at 8-438-6267.

UTECA

- ☐ Add my name to the UTECA NEWS mailing list
- ☐ Add my name to the UTECA Conference mailing list
- ☐ Add my name to the mailing list of the following UTECA groups

PLEASE SEND MORE INFORMATION:

NAME _____

TITLE _____

COMPANY _____ M/S _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE () _____ EXT. _____

PROFESSIONAL
CONFERENCES, INC.
25 Mauchly, Suite 305, Irvine, CA 92718
(714) 753-8680 • FAX (714) 753-7139

UTECA NEWS

1993 UTECA PLANNING/CONFERENCE COMMITTEE

1993 Conference Chairman
Lou Bialy, Otis Elevator

Exhibition Chairman
Tom Dannenhoffer, Sikorsky Aircraft

Finance Chairman
Curtis Cook, Pratt & Whitney

Program Chairman
Joost Brasz, Carrier Corporation

Publicity/Theme Chairman
Ray Spagnuolo, Sikorsky Aircraft

Speaker Chairman
Tony Urban, Sikorsky Aircraft

Strategic Advisor
John Oblak, UTRC

UTECA Administrator
1994 Conference Chairman
Dave Blaney, Hamilton Standard

International Chairman
Frank Lemkey, UTRC

International Advisor
Dave Hyde, Sikorsky Aircraft

**UTECA Conference &
Technology Expo Manager**
Sandra Bohl, Professional
Conferences, Inc.

1992 Conference Chairman
Ken Benson, Pratt & Whitney

1992-1993 UTECA TECHNICAL SPECIALIST GROUP LEADERS

GROUP NAME	GROUP LEADER	DIVISION	PHONE
Artificial Intelligence	Thomas Freund (203) 565-8449	Pratt & Whitney	8-435-8449 Fax: (203) 565-9614
Control Systems Technology	Stuart Wright (203) 386-6711	Sikorsky Aircraft	8-536-6711 Fax: (203) 386-7457
Electrical Design Technology	Roger Carroll (203) 727-7003	UTRC	8-446-7003 Fax: (203) 727-7852
Electro-Optics Technology	Gerard Walles (203) 383-3699	Sikorsky Aircraft	8-563-3699 Fax: (203) 383-3451
Engineering Automation	Rod Vokey (514) 647-3858	Pratt & Whitney —Canada	8-488-3858 Fax: (514) 647-3855
Engineering Operations	Tony Urban (203) 386-6310	Sikorsky Aircraft	8-536-6310 Fax: (203) 386-5770
Fluid Dynamics & Acoustics	H. David Joslyn (203) 727-7147	UTRC	8-446-7147 Fax: (203) 446-7656
Integrated Product Development	Russ Kraus (203) 852-7643	Norden Systems	8-748-7643 Fax: (203) 852-7443
Low Observables & Antennas	Harold Shnitkin (203) 852-5304	Norden Systems	8-748-5304 Fax: (203) 748-7423
Manufacturing Technology Coordination	Harry Butts (203) 386-7793	Sikorsky Aircraft	8-536-7793 Fax: (203) 386-4874
Materials & Processes	Charles Watson (203) 565-0118	Pratt & Whitney	8-435-0118 Fax: (203) 565-3987
Mechanical Design Technology	Phil Potts (203) 386-5833	Sikorsky Aircraft	8-532-5833 Fax: (203) 386-7472
Numerical & Mathematical Techniques	Bob LaBarre (203) 727-7519	UTRC	8-446-7519 Fax: (203) 727-7656
Reliability & Maintainability of Systems	Jim Bohan (203) 386-4161	Sikorsky Aircraft	8-536-4161 Fax: (203) 386-5925
Software Engineering	Alan Litwin (203) 852-4733	Norden Systems	8-748-4733 Fax: (203) 852-7954
Structural Analysis	Tony Dennis (203) 727-7471	UTRC	8-446-7471 Fax: (203) 727-7656

UTECA Newsletter Editor: Prakash Bansod (416) 670-8200
Please forward
comments and future
contributions.
Pratt & Whitney Canada
6375 Dixie Road, M/S 21AC1
Mississauga, Ontario, Canada L5T 1J3
8-425-5278 • Fax: (416) 564-3835



PROFESSIONAL CONFERENCES, INC.
25 MAUCHLY, SUITE 305
IRVINE, CALIFORNIA 92718

1992 UTECA CONFERENCE—ONE MORE TIME

BY KEN BENSON

No matter what your measure, the 1992 UTECA Conference and Technology Expo was an outstanding success.



Attending the Conference were 1477 scientists, engineers and technologists from all UTC's divisions, for a total of 1890 people days. There were 69 exhibitors, occupying over 14,000 square feet of exhibit space, showing their products and sharing technology. There were 44 concurrent sessions presenting over 240 technical papers and presentations. Introduced this year were new innovations, including the Monday Management Luncheon featuring a panel of engineering division VP's and Tuesday night Technology tutorials. Ken Benson, the 1992 Conference Chairman, stated proudly, "We keep getting better and better each year!!!"



The Conference theme of "Excelling in Technology's Changing World" provided the focus. Representatives from Japan and Europe, again, attended this year. Starting each morning, speakers such as Bob Macier from Solar Turbines talking on 'Innovative Alliances for Business Development' and Bob Kuhn from Hamilton Standard's business plans for the 21st Century. Also presenting was Jeff Oberlin from Motorola on "Training the Technical Work Force" and Dr. Wilfried Koenig of the Fraunhofer Institute on "Process Technologies of Tomorrow."



We were privileged to hear George David give his first presentation to a UTC audience since being elected President and Chief Operating Officer. The Banquet speaker was none other than John Young, President and CEO of Hewlett-Packard. This was indeed a markedly outstanding line-up of speakers.



United Technologies continues to be the only corporation that brings together their technical community and suppliers in a forum the magnitude of the UTECA Conference. The Conference is truly a 'World Class' endeavor and is a benchmark against which other corporations will be measured.

ENGINEERING OPERATIONS COMMITTEE

BY TONY URBAN

The Engineering Operations Committee (EOC) has expanded its 98-member umbrella and now includes four subcommittees: Test Equipment, Instrumentation and Measurements, Computer-Based System Maintenance and Flight Test. The new Flight Test subcommittee will focus on Flight Test Pilots, Engineers and Operations.

Activities have included transfers involving personnel/flight safety, facility design and resource sharing, test applications and methodology, flight test resources and activity, partnerships with universities, government and vendors, environmental compliance, energy conservation and friendly materials, training in strain gage technology, third party maintenance successes and physical asset transfers of \$150,000.

Upcoming events will include multiple-day workshops and joint sessions on the topics of workcells, temperature measurements, safety, telemetry and ground stations, sensors, CFC replacements, quality programs and results and partnerships.

In June 1992, the EOC was recognized by the UTECA Steering Committee and Executive Advisors with an award for Outstanding Achievement.

For further information on EOC activity, contact Tony Urban with Sikorsky Aircraft at (203) 386-6310; Technet: 8-536-6310.

CALL FOR PRESENTATIONS

5TH ANNUAL UTECA CONFERENCE

APRIL 26-29, 1993, SPRINGFIELD, MASS.

The 16 UTECA groups are sponsoring a total of 32 technical symposia/break-out sessions during the 1993 UTECA conference. A typical afternoon symposium/break-out session consists of six to eight 30 minute presentations (including 5-10 minutes for discussion). No formal full-length text of the presentations is required. A conference program booklet will be issued containing the abstracts of the more than 200 technical presentations expected for the conference. It is requested that the length of the abstract be between 150 and 250 words.

The attendance policy for the UTECA conference is that all sessions are open to all UTC employees and outside exhibitors registered for the conference. Presentations should be treated accordingly.

Participation is encouraged from all UTC engineers/scientists, whether currently active UTECA members or not, especially from the commercial/industrial divisions Carrier, Otis and Automotive. **Please send your abstract before November 14, 1992 to the appropriate session organizer.** For general questions about the technical program contact: Joost Brasz, 1993 UTECA conference program chairman at tel 315-432-6312 or fax 315-432-6820.

Artificial Intelligence

Papers are requested in the following topics: intelligent controls (fuzzy logic, neural networks, case studies), intelligent data bases (techniques for extracting relationships such as induction and abduction, applying case-based reasoning techniques to data base queries), knowledge based design (applying case-based reasoning to design problems, extracting design techniques through CAD systems).

Submit abstract to: Thomas Freund, P&W, tel 203-565-8449, fax 203-565-9614

Control Systems Technology

Papers are requested on the following topics: intelligent control/fuzzy logic control, controls applications, controls analysis tools and techniques, controls testing, Fly-by-Wire/Light, redundancy management, and controls/diagnostics.

Submit abstract to: Stu Wright, SIK, tel 203-386-6711, fax 203-386-7457

Electrical Design Technology

Presentations are solicited in the areas of rapid prototyping for electronics, environmentally friendly electronics manufacture and HERF (High Energy Radiated Electromagnetic Fields).

Send abstract to: Roger Carroll, UTRC, tel 203-727-7003, fax 203-727-1608

Electro-Optics Technology

Presentations are solicited on all aspects of electro-optics technology.

Send abstract to: Gerald Wallis, SIK, tel 203-383-3699, fax 203-383-3451

Engineering Automation

Papers are requested for the following two sessions:

1. Engineering Data Management. Discussion on plans and successes in automating the management and distribution of engineering manufacturing data. Management of large distributed computing environments, Rules based Engineering.
2. Automation of the Engineering/Design Process

Submit abstract to: Rod Vokey, P&WC, tel 514-647-3858, fax 514-647-3855

Engineering Operations

Papers are requested describing UTC laboratories and test facilities, test measurement technologies, computer-based maintenance histories and inventories, flight testing: pilots, engineers and operations, partnerships: the cartel @ AEDC.

Submit abstract to: Tony Urban, SIK, tel 203-386-6310, fax 203-386-5770

Fluid Dynamics and Acoustics

Presentations are solicited in the technical areas of fluid dynamics, aerodynamics, acoustics, heat transfer and thermo-dynamics. The following topics are suggested: reducing design cycle time, improved productivity, technical advances and new capabilities, sharing technical expertise, facilities and analytical tools and resources within UTC, joint division and/or international projects.

Submit abstract to: David Joslyn, UTRC, tel 203-727-7147, fax 203-727-7656

Integrated Product Development

Presentations are solicited on all aspects of integrated product development.

Submit abstract to: Russ Krauss, NORDEN, tel 203-852-7643, fax 203-852-7443

Low Observables & Antennas

Papers are requested for the following sessions: Antenna/Radome (novel antenna or radome designs and mature UTC antenna products), Infra-Red (techniques/applications/tests involving reduction of IR radiation), Materials (composition/characteristics/test data relating to materials offering low radar cross-section), Testing (test instrumentation and methodology for ascertaining radar cross-section data of vehicles and equipments), Modeling (math. models, computer codes, and example calculations pertaining to analytical RCS predictions).

Submit abstract to: Harold Shnitkin, NORDEN, tel 203-852-5304, fax 203-852-7721

Manufacturing Technology Coordination

Papers are solicited on automated manufacturing processes (process modeling, computer simulations, rules based mold design). A special session is planned on coordination of manufacturing research with non-profit funding organizations such as the National Center for Manufacturing Sciences.

Submit abstract to: Harry Butts, SIK, tel 203-386-7993, fax 203-386-4874

Materials & Process

Presentations are solicited on all aspects of materials and process technology.

Submit abstract to: Charles Watson, P&W, tel 203-565-0811, fax 203-565-3987

Mechanical Design Technology

Presentations are solicited on all aspects of mechanical design technology.

Submit abstract to: Phil Potts, SIK, tel 203-386-5833, fax 203-386-7496

Numerical & Mathematical Techniques

Papers are solicited for the following two sessions: Multidisciplinary Design Optimizations (structure fluids interactions, multicomponent analyses as found in e.g. complete engine simulations) and—Numerical Methods and Parallel Computing (coarse grain e.g. multi-headed Cray or Convex machines or networked workstations or fine grain, massively parallel such as the Connection Machine). Emphasis is more on algorithm development and techniques as opposed to the application result.

Submit abstract to: Bob LaBarre, UTRC, tel 203-727-7519, fax 203-727-7656

Reliability & Maintainability of Systems

Papers are requested dealing with any of the following topics: improved diagnostics, redundancy management, reliability development tests, updated electronic derating criteria, electronic component reliability and "plastic parts"

Submit abstract to: Jim Bohan, SIK, tel 203-386-4161, fax 203-386-5925

Software Engineering

Papers are solicited on software methodologies (structured techniques, object oriented analysis, design and languages), software development strategies (the spiral process, estimation, risk management, metrics), software role in concurrent engineering, requirements engineering and requirements generation (methodologies and tools).

Submit abstract to: Alan Litwin, NORDEN, tel 203-852-4733, fax 203-852-7954

Structural Analysis

Presentations are solicited in all aspects of structural analysis.

Submit abstract to: Tony Dennis, UTRC, tel 203-727-7471, fax 203-727-7656

"Document Control"

TYPE: MEETING REQUEST DOCUMENT NUMBER: 9203413
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: GONZALEZ, JOSE R.: INTER AMERICAN UNIVERSITY OF PUERTO RICO

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 10/30/92

SUBJECT: A THANK YOU FOR HAVING ELIZABETH RODRIGUEZ REPRESENT
THE OFFICE AT THE ANNUAL CONFERENCE AND A REQUEST TO
VISIT WITH YOU IF YOUR SCHEDULE PERMITS.

DIRECTORATE STAFF
ASSIGNED: DIRECTOR'S OFFICE ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 11/24/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley
FCCSET
Vickie Sutton

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS:

OSTP RECEIVED: DEPT RECEIVED:
FILE: P-INV-MEETING REQUEST
CENTRAL FILES:



Inter American University of Puerto Rico

October 30, 1992

Dr. D. Allan Bromley
Assistant to the President for
Science and Technology
Executive Office of the President
OEOB, Room 358
Washington, DC 20506

Dear Dr. Bromley:

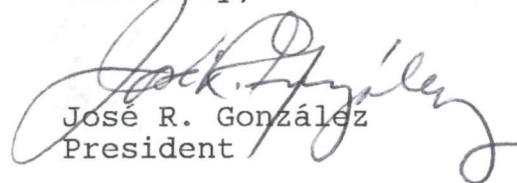
I wish to express my thanks for having Dr. Elizabeth Rodríguez represent your office at the Annual Conference sponsored by the Puerto Rico Scientific Community Council. Her presentation provided a rewarding experience to key participants of our economy's scientific and technological activities and opened the doors for future collaboration between your office and Puerto Rico.

My duties and responsibilities often require my presence in Washington and I would like the opportunity to visit you should your schedule permit. I told Dr. Elizabeth Rodríguez that I would inform her of my next trip to Washington allowing for time to visit your office.

Again, thank you for your support and I look forward to meeting you in the near future. I'm sorry that you were unable to be with us during the Puerto Rico Scientific Community Council Conference but I hope that you are able to visit us on another opportunity.

Please do not hesitate to contact me if I can be of service.

Sincerely,


José R. González
President

mmf

c: Dr. Victor H. Reis
Dr. David O. Cooke

Office of the President

P.O. Box 363255 San Juan, Puerto Rico 00936-3255

"INVITATION FOR DR. BROMLEY"

TYPE: INVITATION-SPEECH

DOCUMENT NUMBER: 9203292

ORIGINATOR: 02

SPEECH: YES NO

FROM: TRIVELPIECE, Alvin W.: OAK RIDGE NATIONAL
LABORATORY

DATE OF EVENT: 11/10/92 THRU:
TENTATIVE DATES:

LOCATION OF EVENT: OAK RIDGE NATIONAL LABORATORY

TIME OF EVENT:

SUBJECT: AN INVITATION TO ATTEND THE DEDICATION OF THEIR NEW
INTEL SIGMA SUPERCOMPUTER.

RSVP: 11/06/92

CONTACT PERSON:

CONTACT NUMBER:

INVITATION ACCEPTED? YES

NO

COPIES TO: INDUSTRIAL

REMARKS:



DATE OF LETTER: 10/13/92

DATE RECEIVED: 10/30/92

FILE: P-INVITATION-SPEECH

*PPB
Conflict
(Mansant)*
*invitation received
after event.*

3292

OAK RIDGE NATIONAL LABORATORY

MANAGED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.
FOR THE U. S. DEPARTMENT OF ENERGY

A. W. TRIVELPIECE

VICE PRESIDENT, MARTIN MARIETTA ENERGY SYSTEMS
DIRECTOR, OAK RIDGE NATIONAL LABORATORY

POST OFFICE BOX 2008
OAK RIDGE, TENNESSEE 37831-6255
(615) 576-2900
Facsimile (615) 576-2912

October 13, 1992

The Honorable D. Allan Bromley
The Assistant to The President
For Science and Technology
Room 360 Old Executive Office Building
Washington, D.C. 20500

Dear Al:

As a consequence of being named one of two High Performance Computing Research Centers by the U.S. Department of Energy (DOE), the Oak Ridge National Laboratory (ORNL) and DOE have entered into a high performance computing collaboration with the Intel Corporation. This cooperative effort includes the recent delivery of an Intel Sigma supercomputer to ORNL which, when fully operational, will be the fastest computer in the world. To celebrate this exciting event, ORNL and Intel are planning a dedication and seminar series on Tuesday, November 10, 1992. Because of the leadership role your office has played in making high performance computing a national priority, we invite you to attend this celebration and present a 30-minute seminar Tuesday afternoon on the Federal High Performance Computing and Communications Program.

This collaboration is a result of the U.S. Department of Energy's participation in the Federal High Performance Computing and Communications Program, and I have enclosed the press release from that event that provides additional details. The Intel supercomputer was delivered to ORNL in late September and will be capable of performing over 35 billion arithmetic operations per second. This speed will make it faster than any other supercomputer in existence today.

The activities preceding the seminars include a reception on Monday evening and a dedication on Tuesday morning. Members of the local and national press, National Association of Science Writers, and news networks will be invited, as will dignitaries from the Department of Energy, the State of Tennessee, Martin Marietta Corporation, and institutions in our Partnership in Computational Science consortium, as well as Intel. A tentative agenda is enclosed.

I will be calling you in a few days to issue you a personal invitation and to provide any additional information that you might need.

Sincerely,



Alvin W. Trivelpiece
Director

Enclosures (2)

Dedication of the Intel Paragon Supercomputer
Oak Ridge National Laboratory
November 10, 1992

Tentative Agenda

Monday, November 9

8:00 p.m. Reception
Location: Oak Ridge Garden Plaza Hotel

Tuesday, November 10

10:00 a.m. Dedication ceremony
Location: Oak Ridge National Laboratory (ORNL)
Speakers:
Al Trivelpiece, Director, Oak Ridge National Laboratory
Ned McWherter, Governor, The State of Tennessee
Gordon Moore, Chairman of the Board, Intel Corporation
Tom Young, President, Martin Marietta Corporation
Will Happer, Director, DOE Office of Energy Research
Joe La Grone, Manager, DOE Oak Ridge Field Office

11:00 a.m. Ribbon Cutting and Photo Opportunity in front of Paragon
Location: Computer Room, Bldg. 4500N, ORNL

11:30 a.m. Question and Answer Session for Press
Location: Weinberg Auditorium, Bldg. 4500N

12:00 noon Catered lunch - ORNL

1:00 p.m. Seminars:
Location: Central Auditorium, ORNL
Speakers:
Allan Bromley - "The Federal High Performance Computing and
Communications Program"
Dave Nelson - "The Future for DOE Supercomputing"
Ken Wilson - "Grand Challenge in Computational Science"
Justin Rattner - "Intel's Road to Teraflops Computing"

3:00 p.m. Adjourn

DOE

NEWS

NEWS MEDIA CONTACT:
Jeff Sherwood, 202/586-5806

For Immediate Release
December 20, 1991

SUPERCOMPUTER RESEARCH CENTERS ESTABLISHED AT DOE LOS ALAMOS AND OAK RIDGE NATIONAL LABS

Secretary of Energy James D. Watkins today announced the creation of two high performance computing research centers, one at the Los Alamos National Laboratory, Los Alamos, N.M. and one at the Oak Ridge National Laboratory, Oak Ridge, Tenn. "These labs are well suited to apply new computing technologies to research on critical problems, ranging from environmental cleanup to climate modeling, that require massive computing power to solve," Admiral Watkins said in announcing the new centers. "I expect these centers to set new standards for collaboration and interdisciplinary research in this field with all its ramifications for our country's economic competitiveness."

The centers will begin work in January 1992. As part of its new center, Los Alamos will acquire an early prototype of a Connection Machine model CM-5 from Thinking Machines, Corp. of Cambridge, Massachusetts. Oak Ridge will acquire an early prototype of a Paragon supercomputer from Intel Corporation of Beaverton, Oregon. The computers, which will be installed in working increments over the next 12 to 15 months, are expected to be the most powerful massively parallel computers in existence at that time.

(MORE)

- 2 -

The main purpose of the centers will be to enable scientists to explore the application of new full-scale, high performance computer systems to areas of major scientific, economic and environmental importance. The Oak Ridge Center will initially tackle modeling the movement of pollution in groundwater and designing new materials and alloys. The Los Alamos Center will initially investigate global climate modeling.

The Oak Ridge Center represents a partnership of Oak Ridge National Laboratory, DOE's Ames Laboratory, Ames, Iowa, and Brookhaven National Laboratory, Upton, N.Y. The following major universities will also be research partners: Rice University, State University of New York at Stony Brook, Texas A&M, the University of South Carolina, the University of Tennessee at Knoxville, the University of Wyoming and Vanderbilt University. Participation of university students in this research will help ensure that U.S. students will become world leaders in these fields.

The Oak Ridge center will also work with Sandia National Laboratory, Albuquerque, N.M. on math and science educational programs using supercomputers. The Los Alamos center will also include education in its program, with the New Mexico Supercomputing Challenge involving high school students across the state.

Naming these two centers responds to a provision of the High Performance Computing Act of 1991, signed by President Bush on December 9, that called for the Department of Energy to establish high performance computing research and development collaborative consortia. The centers will support both interdisciplinary work and collaborations between institutions. Their activities will include work on the new software and networking technologies needed for scientists to take full advantage of the new high performance computers. In-house teams of computational mathematicians, computer scientists and scientists involved in the various research applications will conduct research. They will also work with universities, industry and other labs to disseminate information and promote technology commercialization.

The centers will also collaborate with each other including work on the technologies needed to send massive amounts of data at high rates over communications networks. This research is necessary to make new computers broadly accessible.

The Los Alamos and Oak Ridge centers were selected from among a number of proposals to establish centers submitted by DOE laboratories. DOE's commitment to the centers is for a four-year period.

(MORE)

-3-

The centers are one step by DOE to meet the goals of the government's High Performance Computing and Communications Program. The program's purpose is to accelerate significantly the commercial availability and use of the next generation of high performance computers and networks. DOE is one of nine agencies working to implement the program.

DOE's component of the government program includes: the evaluation of the advanced computer architectures for large scale applications; research in advanced computational methods, tools and algorithms (computer codes); research on the proposed high speed National Research and Education Network; and basic research and human resources. DOE is spending over \$90 million on the program this fiscal year.

- DOE -

Note to editors: the news media contact at the Los Alamos National Laboratory is Jim Danneskiold, (505) 665-7777; at the Oak Ridge National Laboratory it is Joe Culver, (615) 574-4160.

R-91-266

"Document Control"

TYPE: ACTION DOCUMENT NUMBER: 9203005
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: DUFOUR, Jean Paul: LE MONDE

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 10/06/92

SUBJECT: HE HAS SENT SEVERAL QUESTIONS FOR DR. BROMLEY TO
ANSWER FOR PUBLICATION.

DIRECTORATE STAFF
ASSIGNED: Steve Olson ASSIGNED:

ACTION STAFF
REQUIRED: AS APPROPRIATE ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 10/15/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley
INTERNATIONAL/POLICY

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS:

OSTP RECEIVED: 10/06/92 DEPT RECEIVED:
FILE: P-INVITATION-INTERVIEW
CENTRAL FILES:

3005

Le Monde
(french daily newspaper)

15, rue Falguière
75501 PARIS CEDEX 15

DEPARTEMENT SCIENCES

TELECOPIE

Date: 10/6th/1992

Nombre de pages : 3
(dont celle-ci)
(including this one)

De/From : Jean-Paul DUFOUR,
Science writer

(4)
Fax : 45-66-73-85
Tél. : 40-65-27-47

A/To : Mr. Allan Bromley,
Science adviser
to the President

Fax : 202 395 37 19

Message:

Sir,

Please find attached few questions about science and technology policies, and the presidential campaign. If you agree to answer, your observations will be used in a general story about this subject. Other questionnaires have been sent to Albert Gore and George Brown, (chairman of science, space and technology committee).

Sincerely yours.

[Signature]

1/ After four years as science adviser to the president, do you feel George Bush succeeded in implementing most of his program regarding science and technology ? On what points do you failed ? For what reasons ?

2/ Seen from Europe, it is often difficult to distinguish clearly the difference between democrats' and republicans' programs on science. Don't you feel that a number of Clinton-Gore propositions are identical to some of the Bush program in 1988, he didn't succeed to implement ?

3/ Do you think it's possible for the federal administration to invest in promoting science and R/D - either in national labs, or through incentives for private sector - and, at the same time, reduce public expenses ? Is it possible to really and fully transfer to the civil sector the money saved from military research because of the end of cold war ?

4/ Do you think that the american society and mentality is as suited as european or japanese ones for government interventions in order to promote R/D in the private sector.

5/ Don't you think Clinton-Gore possible better relationship with the democrats' majority in the Congress will be impede by local political problems (California or Texas interests regarding space or SSC for example) ?

6/ The Bush administration got some difficulties to keep going on space and big science programs. Don't you think these programs could have to be dramatically reduced after the elections, under the pressure of budget realities ? Don't you think the Ross Perot return on stage could force any candidate to be more careful on these topics ?

7/ Is there a difference between the two candidates regarding the cooperation with Europe, Russia or Japan for space programs and big science ?

"Document Control"

TYPE: MEETING REQUEST DOCUMENT NUMBER: 9202952
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS C

FROM: KONDO, Jiro: SCIENCE COUNCIL OF JAPAN

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 09/25/92

SUBJECT: HE IS WRITING TO REQUEST A MEETING WITH DR. BROMLEY
ON THEIR VISIT TO THE U.S.. ALSO INCLUDED IS A
DINNER INVITATION FOR DR. BROMLEY.

DIRECTORATE STAFF
ASSIGNED: INTERNATIONAL/POLICY ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION: as necessary

SENDER'S DUE DATE: 10/05/92
OSTP DUE DATE: 10/02/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS: DAB has already set up an appointment to meet with Kondo on
October 5 at 4:00. He regretted that he could not make dinner.

OSTP RECEIVED: 10/01/92 DEPT RECEIVED: 10/01/92
FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES:

TYPE: MEETING REQUEST

DOCUMENT NUMBER: 9202952

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: KONDO, Jiro: SCIENCE COUNCIL OF JAPAN

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 09/25/92



SUBJECT: HE IS WRITING TO REQUEST A MEETING WITH DR. BROMLEY
ON THEIR VISIT TO THE U.S.. ALSO INCLUDED IS A
DINNER INVITATION FOR DR. BROMLEY.

DIRECTORATE

STAFF

ASSIGNED: INTERNATIONAL/POLICY

ASSIGNED:

ACTION

STAFF

REQUIRED: AS NECESSARY

ACTION:

SENDER'S DUE DATE: 10/05/92

OSTP DUE DATE: 10/02/92

STAFF DUE DATE

DATE COMPLETED:

DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

PHONE:

EXT:

REMARKS:

OSTP RECEIVED: 10/01/92

DEPT RECEIVED:

FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES:

2952

SCIENCE COUNCIL OF JAPAN
CONSEIL DES SCIENCES DU JAPON

22-34, Roppongi 7 chome, Minato-ku, Tokyo 106 Japan
Telephone : 03-403-6291
Cable address : SCIENCOUNCIL TOKYO

September 25, 1992

Mr.D.A.Bromley
Assistant to the President for Science and Technology and Director
Office of Science and Technology Policy
Old Executive Office Building, Washington D.C.20506

Dear Mr. D.A.Bromley,

It is my great pleasure to inform you that the Science Council of Japan is going to send its delegation of scientists to your country.

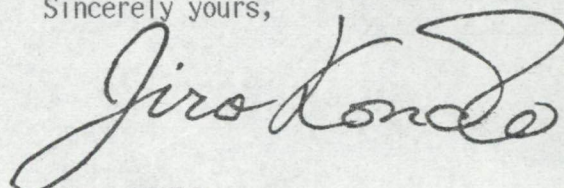
The council has, as one of its activities, a programme of sending its delegation to the world leading organizations and research institutes in order to promote mutual understanding in scientific fields through meetings and discussions.

The delegation would like to make a visit to your Office during its stay in your country (October 5,1992) and the confirmed time of its visit will be informed to you through the Japanese Embassy in your country.

We shall be very much obliged to you will kindly give assistance to our delegation.

Soliciting for your cooperation and collaboration in advance.

Sincerely yours,



Jiro KONDO
President
Science Council of Japan

SCIENCE COUNCIL OF JAPAN
CONSEIL DES SCIENCES DU JAPON

22-24, Bunkyo, Tokyo 100, Japan
Telephone: 03-403-4291
Cable address: SCIENCECOUNCIL TOKYO

September 25, 1992

Mr. D.A. Broley
Assistant to the President for Science and Technology and Director
Office of Science and Technology Policy
Old Executive Office Building, Washington D.C. 20506

Dear Mr. D.A. Broley:

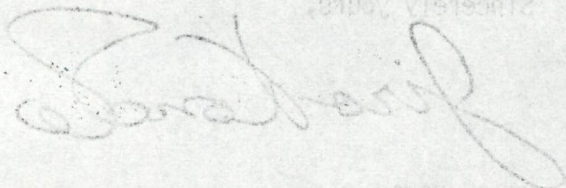
It is my great pleasure to inform you that the Science Council of Japan is going to send its delegation of scientists to your country. The council has, as one of its activities, a programme of sending its delegation to the world leading organizations and research institutes in order to promote mutual understanding in scientific fields through meetings and discussions.

The delegation would like to make a visit to your office during its stay in your country (October 5, 1992) and the confirmed time of its visit will be informed to you through the Japanese Embassy in your country. We shall be very much obliged to you with kindly give assistance to our

delegation.

Soliciting for your cooperation and collaboration in advance.

Sincerely yours,



Hirokazu
President
Science Council of Japan

SCIENCE COUNCIL OF JAPAN
CONSEIL DES SCIENCES DU JAPON

22-34, Roppongi 7 chome, Minato-ku, Tokyo 106 Japan
Telephone : 03-403-6291
Cable address : SCIENCOUNCIL TOKYO

Mr. D. A. Bromley
Assistant to the President for Science & Technology & Director
Office of Science and Technology Policy
Old Executive Office Building,
Washington D.C. 20506
U. S. A.

Dear Mr. Bromley,

It is my great pleasure for us, delegates of members of the Science Council of Japan, to visit your country on the Programme for International Scientific Exchange with the United States of America from September 27th to October 11th 1992.

During our stay in Washington D.C., we request the honor of your company to a buffet supper as follows ;

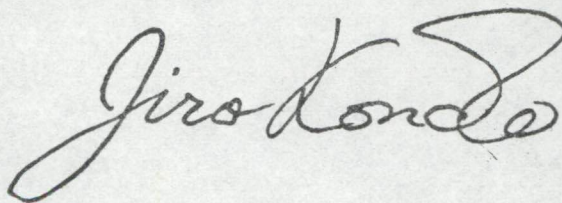
Buffet Supper

at : The Watergate Hotel
2650 Virginia Ave., N.W. Washington D.C., 20037

Tel : 202-965-2300

on : 18:00, October 5th (Mon), 1992

Sincerely yours,



Jiro KONDO
Leader of the Delegation
President
Science Council of Japan

"Document Control"

TYPE: MEETING REQUEST DOCUMENT NUMBER: 9202843
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: CAULFIELD, H. John: ALABAMA AGRICULTURAL AND MECHANICAL
UNIVERSITY

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 09/02/92

SUBJECT: HE REQUESTS TO MEET WITH DR. BROMLEY TO DISCUSS HIS
PROJECT REGARDING THE DEVELOPMENT OF CREATIVE
COMPUTERS ABLE TO FUNCTION RELIABLY UNDER
UNANTICIPATED AND UNSTRUCTURED ENVIRONMENTS.

DIRECTORATE STAFF
ASSIGNED: INDUSTRIAL ASSIGNED:

ACTION STAFF
REQUIRED: AS NECESSARY ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 09/30/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS:

OSTP RECEIVED: 09/22/92 DEPT RECEIVED:
FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES:



EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20506

September 25, 1992

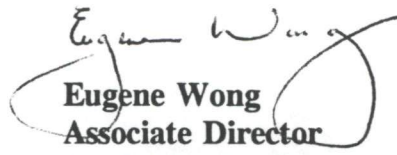
Dear Dr. Caulfield:

Thank you for your letter of September 2, 1992 to Dr. Bromley concerning a proposed project to implement neural networks using optical technologies.

We are impressed by the credentials of you and your colleagues. The subject matter, however, is too technical for a discussion with Dr. Bromley or other members of OSTP. At the moment, there is no expertise within OSTP in the relevant areas. Further, OSTP is not a funding agency, nor does it serve as an advocate for funding requests. My suggestion is that your proposal for a meeting should be made to an appropriate funding agency.

I regret not to be of help.

Sincerely yours,


Eugene Wong
Associate Director
for Industrial Technology

Professor H. John Caulfield
University Eminent Scholar
Alabama Agricultural and Mechanical University
P.O. Box 1268
Normal, Alabama 35762

ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY

NORMAL, ALABAMA 35762

UNIVERSITY EMINENT SCHOLAR

POST OFFICE BOX 1268
TELEPHONE: (205) 851-5305

September 2, 1992

Dr. Allan Bromley
Advisor to the President for Science and Technology
Room 358-OEOB
The White House, DC 20500

Dear Dr. Bromley:

Alabama A&M University (AAMU) is interested in meeting with you to discuss a project we think will benefit America in several independent and important ways. This project results from my research efforts. I think we have a significant break through in the direction of future AI. In particular, we can potentially build creative computers able to function reliably under unanticipated and unstructured environments. I would like to bring with me two of our outstanding black scientists. One page resumes of all of us are attached to help establish our credibility.

We are now in position to have an HBCU in the lead position in a vital new scientific field. After 125 years of following, this is a healthy condition. It was brought about by our hard work, but now we need help.

Physical Optics Corporation (the only optics company in Inc.'s 500 fastest growing small companies list) also wants to help us. They are impressed by our science and our vision. They will be represented there by their Chief Scientist, Dr. Tomasz Jannson (1 page resume attached, SSN: 521-33-1039).

Their help alone is not enough. The U.S. government needs to help if this unique opportunity is to be seized. We come to you looking for advice and counsel in that regard.

Last month I met with Academician G. Marchuk of the Russian Academy of Sciences who asked to be remembered to you and expressed an interest in having some of Professor Caulfield's Russian friends such as Academician Yu. Denisyuk and Nobelist and Academician N. Basov assist on the project if it is funded. We would, of course, welcome that.

Sincerely yours,



H. John Caulfield
University Eminent Scholar

Enclosures

Copies: Professors Lowe and Warde (AAMU)
Drs. Jannson and Savant (POC)

Withdrawal/Redaction Sheet

(George Bush Library)

Document No. and Type	Subject/Title of Document	Date	Restriction	Class.
01. Proposal	Project proposal and supporting documents from Alabama Agricultural and Mechanical University (19 pp.)	9/2/92	(b)(6)	

Collection:

Record Group: Bush Presidential Records
Office: Science and Technology Policy, Office of (OSTP)
Series: Bromley, D. Allan, Files
Subseries: Correspondence Files
WHORM Cat.:
File Location: Invitation: Meetings [1 of 2] [1992]

Date Closed:	2/22/2010	OA/ID Number:	62015-006
FOIA/SYS Case #:	2005-0336-F	Appeal Case #:	
Re-review Case #:		Appeal Disposition:	
P-2/P-5 Review Case #:		Disposition Date:	
AR Case #:		MR Case #:	
AR Disposition:		MR Disposition:	
AR Disposition Date:		MR Disposition Date:	

RESTRICTION CODES

Presidential Records Act - [44 U.S.C. 2204(a)]

P-1 National Security Classified Information [(a)(1) of the PRA]
 P-2 Relating to the appointment to Federal office [(a)(2) of the PRA]
 P-3 Release would violate a Federal statute [(a)(3) of the PRA]
 P-4 Release would disclose trade secrets or confidential commercial or financial information [(a)(4) of the PRA]
 P-5 Release would disclose confidential advice between the President and his advisors, or between such advisors [(a)(5) of the PRA]
 P-6 Release would constitute a clearly unwarranted invasion of personal privacy [(a)(6) of the PRA]

C. Closed in accordance with restrictions contained in donor's deed of gift.

PRM. Removed as a personal record misfile.

Freedom of Information Act - [5 U.S.C. 552(b)]

(b)(1) National security classified information [(b)(1) of the FOIA]
 (b)(2) Release would disclose internal personnel rules and practices of an agency [(b)(2) of the FOIA]
 (b)(3) Release would violate a Federal statute [(b)(3) of the FOIA]
 (b)(4) Release would disclose trade secrets or confidential or financial information [(b)(4) of the FOIA]
 (b)(6) Release would constitute a clearly unwarranted invasion of personal privacy [(b)(6) of the FOIA]
 (b)(7) Release would disclose information compiled for law enforcement purposes [(b)(7) of the FOIA]
 (b)(8) Release would disclose information concerning the regulation of financial institutions [(b)(8) of the FOIA]
 (b)(9) Release would disclose geological or geophysical information

"Document Control"

TYPE: MEETING REQUEST

DOCUMENT NUMBER: 9202474

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: McCUNE, Tim: WASHINGTON INSIDER

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 08/19/92

SUBJECT: HE REQUESTS AN INTERVIEW FOR HIS NEW MAGAZINE.

DIRECTORATE

STAFF

ASSIGNED: DIRECTOR'S OFFICE

ASSIGNED:

ACTION

STAFF

REQUIRED: AS NECESSARY

ACTION:

SENDER'S DUE DATE:

OSTP DUE DATE: 09/09/92

STAFF DUE DATE

DATE COMPLETED:

DATE COMPLETED/DEPT:

COPIES TO: INDUSTRIAL

WHITE HOUSE TRACKING #:

CONTACT PERSON:

REMARKS:

PHONE:

EXT:

OSTP RECEIVED: 08/26/92

DEPT RECEIVED:

FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES:

2474

Washington Insider

1701 PENNSYLVANIA AVENUE, NW, Suite 515
WASHINGTON, D.C. 20006

TELEPHONE (202) 296-2925
FAX (202) 342-0492

92 AUG 26 P 4: 03

August 19, 1992

Dr. Allan Bromley
Assistant to the President
Office of Science and Technology Policy
Old Executive Office Building
17th Street and Pennsylvania Avenue
Washington, D.C. 20506

OSTP
MAIL ROOM

Dear Dr. Bromley,

My company is beginning publication on September 7 of a weekly newsletter, called "TechTrans," devoted to technology transfer. I would like very much to interview you for the first issue on federal technology transfer efforts and the future of these programs.

Our new publication will have timely and accurate coverage of technology transfer initiatives and the success of these programs. I believe an interview with you would be an outstanding way of starting TechTrans, and I hope that you will find time to talk with me.

Prototype copies of TechTrans are being printed now, and I can provide one to your office if you wish to see it before talking with me. I believe our publication will be a valuable addition to those that are already covering technology transfer.

I look forward to hearing from you.

Sincerely,



Tim McCune

"Document Control"

TYPE: MEETING REQUEST

DOCUMENT NUMBER: 9201178

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: KHOURY, Bernard V.: U.S. PHYSICS TEAM

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 04/01/92

SUBJECT: HE REQUESTS A MEETING AND PHOTO OPPORTUNITY WITH DR.
BROMLEY FOR THE STUDENTS OF THE U.S. PHYSICS TEAM.

DIRECTORATE

STAFF

ASSIGNED: PHYSICAL SCIENCES

ASSIGNED:

ACTION
REQUIRED: AS NECESSARY

STAFF
ACTION:

OSTP DUE DATE: SENDER'S DUE DATE:

DATE COMPLETED: 04/21/92

STAFF DUE DATE

DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

PHONE:

EXT:

REMARKS:

OSTP RECEIVED: 04/07/92

DEPT RECEIVED:

FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES:



United States Physics Team

for the International Physics Olympiad

American Association of Physics Teachers, 5112 Berwyn Road, College Park, MD 20740-4100

Phone (301) 345-4200

FAX (301) 345-1857

92 APR 7 P2:11

April 1, 1992

OSIP
MAIL ROOM

The Honorable D. Allan Bromley
Assistant to the President for
Science and Technology
Old Executive Office Building
Room 358
17th & Pennsylvania Avenues, N.W.
Washington, DC 20500

Dear Dr. Bromley:

The 1992 United States Team to the XXIII International Physics Olympiad will be training at the University of Maryland from May 23 through May 31, 1992. The team will consist of 20 of the most outstanding high school physics students in the United States. At the end of the training, five members will be selected to participate at the international competition to be held in Helsinki, Finland, in early July.

The U.S. Team and its Academic Directors would be honored to have the opportunity to meet with you and perhaps have a photo session. We are arranging to bring the team into Washington on Wednesday, May 27; but we would be willing to rearrange our schedule to suit yours.

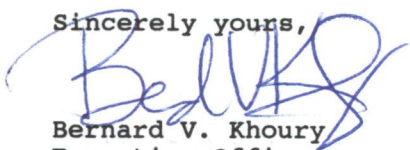
The purpose of the International Physics Olympiad is to encourage and reward the excellence of secondary school students. For the past five years the United States has entered a team in the International Physics Olympiads with very gratifying results. In 1989, with over 30 countries participating, the United States Team received its first gold medal as our U.S Team member brought in the top score. Last year's competition brought home a gold medal, a silver medal and an honorable mention, and gave top physics students from around the world a chance to meet their future colleagues.

Enclosed is a newsletter about this year's XXIII International Physics Olympiad.

We hope that your busy schedule will permit you to meet with the 1992 Team. In the past, the visit to meet and share ideas with you has always been the highlight of the students' visit to our Capitol.

I look forward to hearing from you. Please do not hesitate to contact me if you have any questions about AAPT or this program.

Sincerely yours,


Bernard V. Khoury
Executive Officer

Contributors to the 1991 U.S. Physics Team

Acoustical Society of America, Addison-Wesley Publishing Company, Allyn & Bacon, Inc., American Association of Physicists in Medicine, American Association of Physics Teachers, American Astronomical Society, American Crystallographic Association, American Institute of Physics, American Physical Society, American Vacuum Society, AT&T, Beckman Instruments, Bellcore, B P Research, Inc., COMSAT Corporation, Ford Motor Company, General Electric Company, GTE Laboratories, Hughes Aircraft Company (Research Laboratory), IBM, Janis Research Company, Inc., Lockheed Corporation, McGraw-Hill Book Company, W.W. Norton & Company, Optical Society of America, Phillips Petroleum Company, Prentice-Hall, Inc., Princeton University Press, Saunders College Publishing, Schlumberger-Doll Research, The Society of Rheology, University of Maryland, Westinghouse Foundation, John Wiley & Sons, Inc., Worth Publishers, Inc.

DIRECTOR: Dr. Bernard V. Khoury • ACADEMIC DIRECTORS: Dr. Larry D. Kirkpatrick and Dr. Avi I. Hauser • ACADEMIC ADVISOR: Dr. Arthur J. Eisenkraft

1991
U.S. TEAM—
WINNERS OF
GOLD AND
SILVER
MEDALS

XXIII International Physics Olympiad

Helsinki, Finland

July 2–13, 1992

The American Association of Physics Teachers (AAPT) is looking for participants to represent the United States at the 1992 International Physics Olympiad. The goals of the Olympiad are to encourage excellence in physics education and to reward outstanding physics students. The Olympiad is a 10-day international competition among pre-university students from more than 32 nations. At the International Physics Olympiad, the competitors are asked to solve challenging theoretical and experimental physics problems. The 20 members of the U.S. Physics Team are selected through two competitive examinations. Team members are invited to attend a nine-day training camp held in late May during which team members will refine their problem-solving and laboratory skills. The top five members will represent the U.S. Physics Team at the competition in Finland. Team members' expenses are paid by the contributors to the U.S. Physics Team.

Teachers who have students interested in participating in the 1992 Olympiad are encouraged to contact:

Bernard V. Khoury
U.S. Physics Team
AAPT
5112 Berwyn Road
College Park, MD 20740
(301)345-4200

Deadline: January 13, 1992.



The 1991 U.S. Physics Team, winners of a gold and silver medal, with Walter Massey, Director of the National Science Foundation.

Contributors to the 1991 United States Physics Team

Acoustical Society of America
Addison-Wesley Publishing Company
Allyn & Bacon, Inc.
American Association of
Physicists in Medicine
American Association of Physics Teachers
American Astronomical Society
American Crystallographic Association
American Institute of Physics
American Physical Society
American Vacuum Society
AT&T

Beckman Instruments
Bellcore
B P Research, Inc.
COMSAT Corporation
Ford Motor Company
General Electric Co.
GTE Laboratories
Hughes Aircraft Company
IBM
Janis Research Company, Inc.
Lockheed Corporation
McGraw-Hill Book Company

W.W. Norton & Company
Optical Society of America
Phillips Petroleum Company
Prentice-Hall, Inc.
Princeton University Press
Saunders College Publishing
Schlumberger-Doll Research
The Society of Rheology
University of Maryland
Westinghouse Foundation
John Wiley & Sons, Inc.
Worth Publishers, Inc.



21st
International
Physics
Olympiad

Groningen
The Netherlands

Charlie -
A friend
some of the
WISE info.

Please close
out.

TX -
R.

Document Originally
Attached to
Following Page

7/16

JUL 10 1992

"Document Control"

TYPE: MEETING REQUEST DOCUMENT NUMBER: 9202024
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: DENNEY, Patrick: AMERICAN SOCIETY FOR ENGINEERING EDUCATION

TO: DR. D.A. BROMLEY

(WISE)
Interns

DATE OF
CORRESPONDENCE: 06/01/92

SUBJECT: HE IS REQUESTING DR. BROMLEY TO MEET WITH
PARTICIPANTS OF THE INTERSHIP PROGRAM ORGANIZED BY
THE ASSOCIATION.

DIRECTORATE STAFF
ASSIGNED: PHYSICAL SCIENCES ASSIGNED:

ACTION
REQUIRED: REVIEW FOR DAB STAFF
ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 06/17/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

NO YES *OK*

DAB 20-minute remarks to
students, followed
by Karl Erb.

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS: REASSIGNED PER DR. WONG, RECOMMENDS DR. ERB SPEAK TO THEM.

Allan I would be delighted to meet with the ASEE
student interns this summer. I would hope to
involve Dan Pryor in this, as well, Dan being
a real engineer. If we brought the students

OSTP RECEIVED: 06/03/92 DEPT RECEIVED:
FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES: to the EOP, and if your schedule
permitted, would you be interested in
chatting briefly with them?
Karl

Mary Therie 6/4
for reassignment
to Karl Erb,
please

SS

Document Originally
Attached to
Following Page

"Document Control"

TYPE: MEETING REQUEST

DOCUMENT NUMBER: 9202024

ORIGINATOR: 02

STATUS I

DIRECTORATE STATUS

FROM: DENNEY, Patrick: AMERICAN SOCIETY FOR ENGINEERING EDUCATION

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 06/01/92

SUBJECT: HE IS REQUESTING DR. BROMLEY TO MEET WITH
PARTICIPANTS OF THE INTERSHIP PROGRAM ORGANIZED BY
THE ASSOCIATION.

DIRECTORATE

STAFF

ASSIGNED: INDUSTRIAL

ASSIGNED:

ACTION

STAFF

REQUIRED: REVIEW FOR DAB

ACTION:

SENDER'S DUE DATE:

OSTP DUE DATE: 06/17/92

STAFF DUE DATE

DATE COMPLETED:

DATE COMPLETED/DEPT: 7/16/92

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #:

CONTACT PERSON:

PHONE:

EXT:

REMARKS:

Recommend that Karl speak with them.

DAB, Karl, & Dan Bryn met w/ them on 7/16.

EW

OSTP RECEIVED: 06/03/92

DEPT RECEIVED:

FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES:



"Document Control"

TYPE: MEETING REQUEST DOCUMENT NUMBER: 9202024
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: DENNEY, Patrick: AMERICAN SOCIETY FOR ENGINEERING EDUCATION

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 06/01/92

SUBJECT: HE IS REQUESTING DR. BROMLEY TO MEET WITH
PARTICIPANTS OF THE INTERSHIP PROGRAM ORGANIZED BY
THE ASSOCIATION.

DIRECTORATE STAFF
ASSIGNED: PHYSICAL SCIENCES ASSIGNED:

ACTION STAFF
REQUIRED: REVIEW FOR DAB ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 06/17/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS: REASSIGNED PER DR. WONG, RECOMMENDS DR. ERB SPEAK TO THEM.

OSTP RECEIVED: 06/03/92 DEPT RECEIVED:
FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES:

"Document Control"

TYPE: MEETING REQUEST DOCUMENT NUMBER: 9202024
ORIGINATOR: 02 STATUS I DIRECTORATE STATUS

FROM: DENNEY, Patrick: AMERICAN SOCIETY FOR ENGINEERING EDUCATION

TO: DR. D.A. BROMLEY

DATE OF
CORRESPONDENCE: 06/01/92

SUBJECT: HE IS REQUESTING DR. BROMLEY TO MEET WITH
PARTICIPANTS OF THE INTERSHIP PROGRAM ORGANIZED BY
THE ASSOCIATION.

DIRECTORATE STAFF
ASSIGNED: INDUSTRIAL ASSIGNED:

ACTION STAFF
REQUIRED: REVIEW FOR DAB ACTION:

SENDER'S DUE DATE:
OSTP DUE DATE: 06/17/92 STAFF DUE DATE
DATE COMPLETED: DATE COMPLETED/DEPT:

COPIES TO: D. Allan Bromley

WHITE HOUSE TRACKING #: CONTACT PERSON:
PHONE: EXT:
REMARKS:

OSTP RECEIVED: 06/03/92 DEPT RECEIVED:
FILE: P-INVITATION-MEETING REQUEST

CENTRAL FILES:

2024



**American Society for
Engineering Education**
Eleven Dupont Circle, Suite 200
Washington, D.C. 20036-1207

RECEIVED

JUN
92 MAY 3 9:29OST
MAIL ROOM
Tele: (202) 293-7080
Fax: (202) 265-8504

FACSIMILE TRANSMISSION

ATTENTION TO:	Dr. Alan Bromley, Asst. to the President for Science/Technology
ORGANIZATION:	Science and Technology Policy
FAX NUMBER:	(202) 395-3261
TELEPHONE NUMBER:	

FROM:	Patrick Denney (Contact Dr. Butch Hill, Jr.)		
DATE:	6-1-92	TIME SENT:	12:30
NUMBER OF PAGES TO FOLLOW:	3		

COMMENTS:	Please review this information regarding the Washington Internships for Students of Engineering (WISE) program. It would be extremely exciting and helpful if the WISE students could meet with you and discuss ways that engineers can assistance the technological advancement of the U.S. as well as contribute to the "competitiveness" of this nation home and abroad.
-----------	---

IF PAGES ARE NOT RECEIVED PROPERLY, PLEASE CALL: _____

HANDLING INSTRUCTIONS

- ____ HIGH PRIORITY (HAND DELIVER IMMEDIATELY)
____ CALL WHEN COMPLETE
____ NORMAL PROCESSING
____ OTHER

WISE

Washington Internship for Students of Engineering

Fifteen students will be selected in a nationwide competition to spend 10 weeks in the summer of 1993 in Washington, DC learning how engineers contribute to public policy decisions on complex technological matters. Students will study the roles of engineers at government hearings, as staff members of legislative and regulatory bodies, as lobbyists, as members of corporate staffs interacting with government agencies, and as representatives of professional engineering societies, standards setting organizations, or public interest groups. Through frequent meetings and discussions with prominent engineers and government officials, students examine a variety of public policy issues such as:

Do government officials understand technology? Whom do they rely on for help in understanding the technological aspects of their decisions? Should engineers be objective analysts or vocal advocates? Are there conflicts between professional judgements and political realities? In addition, each student will complete a paper that analyzes

"As a Congressman and engineer, I am very pleased to see the engineering societies help future leaders of the engineering profession learn about the role of public policy in science and technology. WISE is a truly outstanding program."

Joe Barton
Representative Texas

"I believe it is vitally important for more scientists and engineers to participate in the development and execution of policy decisions in technological areas. The WISE program provides an excellent opportunity for a group of highly talented engineering students to get an early introduction to the setting of policy at the national level."

Commissioner
Kenneth C. Rogers
U.S. Nuclear Regulatory Commission

Applications are being accepted for the 1993 program to be held from May 24, to July 30, 1993

Each student in the 1993 WISE program will be selected by one of the participating organizations which include the American Institute of Chemical Engineers, American Nuclear Society, American Society of Heating, Refrigeration and Air Conditioning Engineers, American Society of Mechanical Engineers, American Society for Testing & Materials, Institute of Electrical & Electronics Engineers, Institute of Environmental Sciences, National Society of Professional Engineers, and Society of Automotive Engineers. The program is administered by the American Society for Engineering Education.

Applications for WISE are sought from outstanding third-year engineering students who display evidence of leadership skills and interest in public policy. Minority and international students are encouraged to apply.

For application forms, contact:

WISE

American Society
for Engineering Education
Suite 200,

11 Dupont Circle, NW
Washington, DC 20036
(202) 986-8525
or (202) 986-8509
FAX (202) 265-8504

APPLICATION DEADLINE:
must be received by
December 10, 1992

A Ten-week Summer Program in Engineering and Public Policy

The students will be under the guidance of a nationally prominent engineering professor and receive 5 quarter credits. A stipend of \$2,700 is provided along with a travel allowance to cover living expenses during the 10-week program. Room and board must be paid out of the stipend and all participants are housed in a dormitory on the campus of George Washington University.

specific engineering-public policy issues of concern to the sponsoring society. These papers will be disseminated by the sponsoring societies and, if acceptable, published in an appropriate journal or magazine. Examples of recent papers include:

*"Trade Policy and the Environment:
U.S.-Mexico Free Trade"*

*"The President's Education Strategy:
Analysis of the Effects of America 2000 on Mathematics and Science Education in America"*

*"Improving the Medical Device Industry:
Recent Legislation and Regulations"*

ASEE NEWS



11 DUPONT CIRCLE, SUITE 200
WASHINGTON, D.C. 20036

TELEPHONE: 202/986-8500
FAX: 202/265-8504

AMERICAN SOCIETY FOR ENGINEERING EDUCATION

CONTACT: Patrick A. Denney

FOR IMMEDIATE RELEASE: April 27, 1992

The American Society for Engineering Education wishes to announce the fifteen selectees who will participate in the Washington Internships for Students of Engineering (WISE) program for the 1992 summer session.

The selection process involves many applicants both nationally and internationally with those who possess public policy and engineering interests standing the greatest opportunity to participate. These fifteen talented students will come to Washington, D.C. to learn how engineers contribute to public policy decisions on complex technological matters. They will study the roles of engineers at government hearings as staff members of legislative and regulatory bodies, as lobbyists, as members of corporate staffs interacting with government agencies, and as representatives of professional engineering societies, standards setting organizations, or public interest groups.

The students will be under the guidance of Dr. Herman Hill, Jr. of Ohio University where he is Professor in electrical and computer engineering. Dr. Hill received his undergraduate degree from Massachusetts Institute of Technology and Ph.D. from West Virginia with concentration in electrical engineering.

This will be the thirteenth year ASEE has administered the WISE program. It is in ASEE's interest to educate engineers of the advances in engineering education. The WISE program allows an opportunity for young engineers to develop ways that will best represent the interests of the engineering community.

The mission of ASEE is to further education in engineering and engineering technology by promoting excellence in instruction, research, public service, and practice. It seeks to encourage local, national, and international communication and collaboration; influence corporate and government policies and involvement; and most of all encourage youth to pursue studies and careers in engineering and engineering technology.

* On reverse side is a list of the participating engineering students and their institution and home address

WISE INTERNSHIP FOR STUDENTS OF ENGINEERING

NAME	HOME ADDRESS	INSTITUTION
Lorrie Ackerman	4620 Saul Road Kensington, MD 20895	Washington University
Steve Braddom	9281 Promontory Circle Indianapolis, IN 46236	United States Military Academy
Wayne Davis	824 East Main Belleville, IL 62220	Kansas State University
Kenton Epard	Rt. 1, Box 105 Colby, KS 67701	Kansas State University
Dan Goodrich	6231 Euclid St. Marlette, MI 48453	Lake Superior State
Shelly Gore	376 Los Pinos Way San Jose, CA 95119	California State University
Vincent Ikpoh	261 South 80th St. Harrisburg, PA 17111	Tuskegee Institute
Christopher Le	11413 W. 106th St. Overland Park, KS 66214	Wichita State University
Robert Mitchell	127 Pinney St. Ellington, CT 06029	Worcester Polytechnic Institute
David Mulligan	Rt. 1, Box 1412 Hayes, VA 23077	United States Military Academy
Chris Porter	1507 W. Homestead Terrace Mequon, WI 53092	University of Minnesota
Mazen Skaf	P.O. Box 19023 Arlington, TX 76019	University of Texas
Malinda Thibodeau	13406 Peregrine Ct. Jacksonville, FL 32225	M.I.T.
Phillip Ventimiglia	40 Lakeview Dr. Cherry Hill, NJ 08003	University of Connecticut
Jan Wright	96 Oakwood Lane Helena, MT 59601	Montana State University