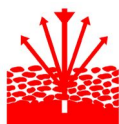




IDRC 2012 Conference Agenda

Saturday, July 28, 2012	
AM	Short Course Registration - canceled
Sunday, July 29, 2012	
AM	Short Course Registration - canceled
PM	Welcome to IDRC 2012 Tomas Hirschfeld Award Lecture and Reception
Monday, July 30, 2012	
AM	Process Analytical Technologies (PAT)
PM	Fundamental Principles of Scattering
Tuesday, July 31, 2012	
AM	Food and Agriculture
PM	Poster Session
PM	Vendors Night
Wednesday, August 1, 2012	
AM	Hyperspectral Imaging
PM	Software Shootout
PM	Fundamental Principles of Chemometrics
Thursday, August 2, 2012	
AM	Birth Award Session
PM	A GIANT LEGACY - TRIBUTE TO THE LATE JOHN S SHENK
PM	CNIRS Banquet
Friday, August 3, 2012	
AM	Sampling and Sample Presentation
PM	Check-out



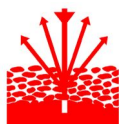
IDRC 2012 Conference Agenda

Saturday, July 28, 2012	
AM	Short Course Registration - canceled
Sunday, July 29, 2012	
AM	Short Course Registration - canceled
2:00 PM	Conference check-in
5:00 - 6:00 pm	Dinner – dining hall
6:00 - 7:15 pm	Dessert / Reception sponsored by Buchi (Lenfest lobby)
7:30 - 9:00 pm	Plenary session (Science Center Auditorium)
7:30 - 7:45 pm	David Burns: Welcome to IDRC 2012, Conference Logistics, and Attendee Expectations
7:45 - 7:55 pm	David Hopkins: Introduction to Travel Award Winners
7:55 - 8:25 pm	Nadin Pemberger, Lukas Bittner, Christian W. Huck*, Leopold-Franzens University, NIRS as non-invasive method for quality assurance of medicinal used silicones
8:25 - 8:30 pm	Presentation of Hirschfeld Award to David Burns, Sponsored by Buchi
8:30 - 9:20 pm	Award Presentation: David Burns, McGill University, "Where is My Tricorder? NIR in Medical Health Assessments."
9:20 pm	Hospitality in Laird Hall, Sponsored by Foss Analytical
Monday, July 30, 2012	
7:00 - 8:15 am	Breakfast – dining hall
8:00 - 12:00 pm	Process Analytical Technologies (PAT) Session , Benoit Igne, organizer (Science Center Auditorium)
8:00 - 8:40 am	Emil W. Ciurczak, (Doramaxx Consulting), We've come a long way, but keep re-inventing the same wheel?
8:45 - 9:25 am	Juan G. Osorio, (Rutgers University), Continuous Pharmaceutical Manufacturing Integrated with in-line NIR as a PAT Tool
9:30 - 10:10 am	Manel Alcalà-Bernàrdez, (Universitat Autònoma de Barcelona), Use of miniature NIR spectrometer for pharmaceutical quality control: signal to noise performance, qualitative and quantitative methods
10:10 - 10:35 am	Break



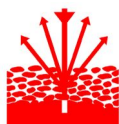
IDRC 2012 Conference Agenda

10:35 - 11:15 am	Dongsheng Bu, (Bristol-Myers Squibb), PLS Prediction Uncertainty in NIR Tablet Assay - Algorithm and Implementation
11:20 - 12:00 pm	Neal B. Gallagher, (Eigenvector, Inc.), Target detection applied to detection of adulterants in powdered raw material using near infrared hyperspectral imaging
12:00 - 1:30 pm	Lunch – dining hall
2:00 pm	CNIRS Council Meeting (Patterson Board Room)
3:00 - 5:00 pm	Fieldhouse available for on-site activities (volleyball, basketball, bowling)
5:30 - 6:30 pm	Dinner – dining hall
7:00 - 9:30 pm	Fundamental Principles of Scattering , Don Dahm, Rowan University, organizer (Science Center Auditorium)
7:00 - 7:35 pm	Karl Norris, The 4th Derivative
7:35 - 8:10 pm	Don Dahm, TBA
8:10 - 8:45 pm	Scott Prah, Data Trumps Theory Nuggets (looking for Attendee Input)
8:45 - 9:10 pm	Ron Haff, "Reflection from a Sphere"
9:10 - 9:30 pm	Emil Ciurzak, Wavelength Dependence of Scatter as a function of Particle Size
9:30 pm	Hospitality in Laird Hall, Sponsored by The Consultants: Emil Ciurczak, David Hopkins, LightLight Solutions and Howie Mark
Tuesday, July 31, 2012	
7:00 - 8:00 am	Breakfast – dining hall
8:00 - 12:00 pm	Food and Agriculture Session , Phil Williams, organizer (Science Center Auditorium)
8:00 - 8:30 am	Panmanas Sirisomboon, Rawiphan Chawbankrang, Apidul Keawkuptong, "Study on some trading and quality control parameters of field and concentrated latex of Para rubber by diffuse reflectance near infrared spectroscopy"
8:30 - 9:00 am	Pierre Dardenn, Feed and food quality control by hyperspectral imaging
9:00 - 9:30 am	Ana Garrido-Varo, At-line and on-line NIRS analysis in the Iberian pig industry
9:30 - 10:00 am	F.E Barton II and J.A. Dehaseth, NIR from the deep-freeze to the frying pan
10:00 - 10:30 am	Break
10:30 - 11:00 am	Nanning Cao, Glen Rippke, Charles Hurburg Jr., Calibration Data Set Creation for Agriculture Products.
11:00 - 11:30 am	Peter Åberg and David Honigs, Global calibrations for animal feed



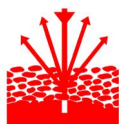
IDRC 2012 Conference Agenda

11:30 - 12:00 am	David L.Wetzel , Application of NIR hyperspectral imaging to prediction of some wheat quality factors
12:00 - 1:30 pm	Lunch – dining hall
1:30 – 3:00 pm	Poster session (Laird Hall)
3:00 - 5:00 pm	Fieldhouse available for on-site activities (volleyball, basketball, bowling)
5:30 - 6:30 pm	Dinner – dining hall
7:00 – 9:30 pm	Vendors Night , organized by Howard Mark (Science Center Auditorium)
9:30 pm	Hospitality in Laird Hall, Sponsored by Bruker Optics
Wednesday, August 1, 2012	
7:00 - 8:00 am	Breakfast – dining hall
8:00 - 12:00 pm	Hyperspectral Imaging , Gabor J Kemeny, Middleton Research, organizer (Science Center Auditorium)
8:00 - 8:15 pm	Introduction of session– Gabor Kemeny
8:15 – 9:00 pm	Ralf Marbach, VTT Oulu Finland, On the physics of microscopic diffuse reflection measurements on granular samples
9:00 – 9:45 pm	Jackeline I. Jerez ¹ , Lucas Sievens-Figueroa ^{2,4} , Anna Zarow ² , José M. Prats-Montalban ³ Alberto Ferrer ³ , Zafar Iqbal ² , Rajesh N. Davé ² , Rodolfo J. Romañach ¹ , 1.Engineering Research Center for Structured Organic Particulate Systems (¹ ERC-CSOPS Department of Chemistry, UPR-Mayagüez; ² New Jersey Institute of Technology; ³ Universidad Politécnica de Valencia Dpto. Estadística e I.O. Aplicadas y Calidad, Spain; ⁴ . Currently at School of Pharmaceutical Sciences, University of Puerto Rico The Role NIR-CI in the Manufacturing Science of a Novel Pharmaceutical Formulation for Poorly Soluble Drugs
9:45 – 10:15 pm	Break
10:15 – 11:00 pm	Howland T Jones, Sandia National Laboratories, Cellular Characterization of Algal Biomass using Hyperspectral Imaging
11:00 – 11:45 pm	Gabor J Kemeny, Middleton Research, Middleton WI, Near-Infrared Hyperspectral imaging of pharmaceutical blends in-situ and live
12:00 - 1:30 pm	Lunch – dining hall
2:00 - 4:00 pm	Software Shootout , Organized by Benoit Igne (Science Center Auditorium)
3:00 - 5:00 pm	Fieldhouse available for on-site activities (volleyball, basketball, bowling)
5:30 - 6:30 pm	Dinner – dining hall



IDRC 2012 Conference Agenda

7:00 – 9:15 pm	Fundamental Principles of Chemometrics , David Burns, moderator (Science Center Auditorium)
7:00 – 7:50 pm	Karl Booksh, University of Delaware, TBA
7:55 – 8:45 pm	David Honigs, How to Think (About NIR Spectroscopy)
8:45 – 9:15 pm	Chuck Miller, Reflections on Tomas Isaksson
9:30 pm	Hospitality in Laird Hall, Sponsored by Perten Instruments
Thursday, August 2, 2012	
7:00 - 8:00 am	Breakfast – dining hall
8:00 - 12:00 pm	Birth Award Session , Sponsored by Unity, David Hopkins Moderating (Science Center Auditorium)
8:00 – 8:05 am	Introduction, David Hopkins
8:05 – 8:50 am	David L. Wetzel, Kansas State University, Manhattan, KS
8:50 – 9:30 am	Stephen L. Morgan, U South Carolina, Columbia, SC
9:35 – 10:05 am	Break
10:05 – 10:10 am	Chair, Introduction
10:10 – 10:55 am	Edward Suzuki, Washington State Patrol Crime Lab, Seattle
10:55 – 11:05 am	Birth Award Presentation, Sponsored by Unity Scientific
11:05 – 12:00 pm	Michael Myrick, U South Carolina, Columbia, SC
12:00 - 1:30 pm	Lunch – dining hall
2:00 - 4:15 pm	A GIANT LEGACY - TRIBUTE TO THE LATE JOHN S SHENK , Peter Flinn Organizer (Science Center Auditorium)
2:00 – 2:15 pm	Peter Flinn, Kelspec Services, Dunkeld, Vic, Australia - "From farm boy to NIR legend: the man and his mission"
2:15 – 2:45 pm	Woody Barton, Light Light Solutions, Athens, GA, USA - "Beginnings, Middle and Once Again"
2:45 – 3:15 pm	Pierre Dardenne, Walloon Agricultural Research Centre, Gembloux, Belgium - "CLONE and LOCAL: the two main concepts of John Shenk's legacy"
3:15 – 3:45 pm	Paolo Berzaghi - University of Padua, Italy" - The tale of the good neighbour, and of the good man"
3:45 – 4:15 pm	Phil Williams, PDK Grains, Nanaimo, BC, Canada - "Experiences with the Shenk Analytical Model R1630"
3:00 - 5:00 pm	Fieldhouse available for on-site activities (volleyball, basketball, bowling)



IDRC 2012 Conference Agenda

6:00 – 9:00 pm	CNIRS Banquet (Lenfest lobby and Dining Hall)
6:00 – 6:45 pm	Reception (Lenfest Lobby)
6:45 – 7:45 pm	Meal (Dining Hall)
7:45 – 9:00 pm	Banquet program (Dining Hall) Clay Harris, CNIRS President: CNIRS Awards and Recognitions Dinner Speaker: Dr. Kenneth Laws, Department of Physics, Dickinson College, The Physics of Dance
9:30 pm	Hospitality in Laird Hall, Sponsored by IM Publications
Friday, August 3, 2012	
7:00 - 8:15 am	Breakfast – dining hall
8:30 - 12:00 pm	Sampling and Sample Presentation , Sumio Kawano, organizer (Science Center Auditorium)
8:30 – 9:05 am	The Philosophy of Sampling for NIRS Analysis of Agricultural Materials by Phil Williams (PDK Projects, Canada)
9:05 – 9:40 am	Sampling – From the Collection of the Sample to the Choice of Samples in Analysis by Katherine Bakeev (CAMO, USA)
9:40 – 10:15 am	Sampling Bulk Commodities for NIR Analysis by Cathleen Brenner* and Larry Freese (USDA-GIPSA, USA)
10:15 – 10:45 am	Break
10:45 – 11:20 am	Opportunities and Limitation of NIR Sensors for Massive Sampling by □Dolores Perez-Marin ^{*1} , Tom Fearn ² , Jose-Emilio Guerrero ¹ and Ana Garrido-Varo ¹ (¹ University of Cordoba, Spain; ² University College London, UK)
11:20 – 11:55 am	Suitable Sample Presentation is Essential for NIR Spectroscopy by Sumio Kawano ^{*1} and Sirinnapa Saranwong ² (¹ Kagoshima University, Japan; ² Bruker Optics KK, Japan)
12:00 - 1:30 pm	Lunch – dining hall
2:00 pm	Complete check-out