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## WIMS<sup>2</sup> Announcements

June 2015



**Wireless Integrated MicroSensing & Systems**  
*Partnering With Industry in Microsystems Research*

### Silicon Valley Connection



As newly appointed WIMS<sup>2</sup> Corporate Outreach Directors, successful entrepreneurs and Michigan alums, Shahin Hedayat and Sassan Teymouri are promoting the Center's research and membership benefits in Silicon Valley.

[\[More\]](#)



### WIMS<sup>2</sup> Membership



Learn more about the WIMS<sup>2</sup>

## Spring 2015 Research Review & Industrial Advisory Board Meeting

I am pleased to report that the Spring 2015 Research Review and Industrial Advisory Board (IAB) meeting on May 6-7 in Ann Arbor was a success. More than one hundred attendees, including members, faculty, students, and invited guests participated in the events on May 6. These events included a review of detailed presentations of ongoing research from seven thrusts, a seedling competition, a networking reception, and an extended poster session with awards. On May 7, members participated in one-on-one faculty discussions, which explored specific research topics in more detail. We look forward to having you attend the fall Research Review and IAB meeting in person, or via interactive live webcast, October 20-21, 2015.

Sincerely,  
Prof. Yogesh B. Gianchandani  
WIMS<sup>2</sup> Center Director

### Research Review Presentations Viewable Online

The presentations given at the Spring 2015 Research Review and Industrial Advisory Board Meeting on May 6, 2015, are now available on our website. They include: Center Overview; Micropower Circuits; Wireless Interfaces; Advanced Materials, Processes, and Packaging; High Frequency MEMS; Biomedical Sensors and Subsystems; Environmental Sensors and Subsystems; and Infrastructure Monitoring. All of these presentations report new results from ongoing research projects.



[Presentation Slides \(PDF\) \(login req'd\)](#)

[Presentation Videos \(login req'd\)](#)

Industrial Program and how members benefit from joining the Center.

[View Slides \(PDF\)](#)

[View Video](#)

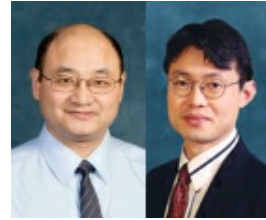
### Obtain Member Login

Access Research Review presentations, posters, and more with a member login.

[Obtain Member login](#)

## Novel Photo-ionization Detector (PID) Wins the WIMS<sup>2</sup> Seedling Competition

A proposal submitted by Profs. Sherman Fan and Katsuo Kurabayashi for "Integrated On-chip Microfluidic Photo-ionization Detectors" was awarded the WIMS<sup>2</sup> Seedling Competition prize for 2015. This detector improves the performance of current PIDs with an extremely low ionization chamber volume for increased sensitivity, and an embedded UV light source providing higher ionization potentials, which increases the range of detectable analytes. A committee led by Prof. Emeritus Ken Wise selected this proposal from the four outstanding proposals that were submitted.



[See all Seedling Proposals \(login req'd\)](#)

## Twelve WIMS<sup>2</sup> Postdoc and PhD Student Posters Win Awards

With input from the WIMS<sup>2</sup> community, Prof. Ken Wise's committee reviewed 48 student posters, which were submitted and displayed at the poster session. The panel awarded cash prizes to 12 winners at the networking reception. The posters ranged from a "Three-Axis Piezoelectric Vibration Energy Harvester," to "A Microscale Vapor Extractor for  $\mu$ GC Analysis of VOCs in Water and Biofluids."



[See all Posters \(login req'd\)](#)

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