

Engineering News

May 2011

Across Disciplines.
Across the World.™

FEATURED STORY



VERTIGO 2011

Vertigo, a dance party hosted by EnCouncil, was held on April 2 and featured a new LED dance floor built by WUSTL Institute of Electrical and Electronics Engineers (IEEE) students. With more than one billion colors and 32,000 lumens of LED lights, the wireless computer-controlled modular dance floor includes interactive animations based on music synchronization and pressure sensors. Working with the Olin Business School and the School of Law, IEEE students are in the process of creating a company to market and rent the dance floor.

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COMMENCEMENT 2011

Class of 2011 Valedictorians: Reed Essick, Lujia Zhang, Glenn Welt, Sijie Dai, William Padover, Caitlin Chicoine, David Giles, Kalee Alex Cassidy. Not pictured: Robert Pasque.

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COMPUTER SCIENCE & ENGINEERING INTERIM CHAIR ANNOUNCEMENT

Dean Ralph Quatrano announced the appointment of Jeremy Buhler as the interim chair of the Department of Computer Science & Engineering, effective July 1, 2011.

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STUDENTS

2011 OUTSTANDING GRADUATE IN THE SCHOOL OF ENGINEERING & APPLIED SCIENCE

Sarah Fern, a systems science and engineering major with a minor in music, has interests beyond engineering. She is a talented pianist and has traveled to India to perform field research in collaboration with the Brown School.

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FACULTY

HONORING SRINIVASAN SRIDHARAN AND RODOLPHE MOTARD

After sadly losing Professor Srinivasan Sridharan and Professor Emeritus Rodolphe Motard recently, many members of our community shared stories about the lives and legacies of these two distinguished individuals in honor of all they accomplished.

[RODOLPHE MOTARD](#)

[SRINIVASAN SRIDHARAN](#)

ALUMNI

ENGINEERING ALUMNI RECEPTION

During Alumni Weekend, Engineering alumni and friends are invited to attend a reception in Whitaker Hall at 5:30 p.m. on Friday, May 20.

[READ MORE & RSVP](#)

UPCOMING EVENTS

[Thu, May 19](#)

Engineering Undergraduate Recognition Ceremony

[Fri, May 20](#)

All-University Commencement

[Fri, May 20](#)

Engineering Graduate Recognition Ceremony

[Fri, May 20](#)

Engineering Alumni Reception

[VIEW MORE EVENTS](#)

RESEARCH NEWS

[National Institute of Health grant awarded to Professor Lihong Wang](#)

Lihong Wang, PhD, the Gene K. Beare Distinguished Professor in Biomedical Engineering, has received a one-year, \$598,910 grant from the National Institute of Health's National Center for Research Resources for a "High-Frequency Ultrasonic and Photoacoustic Imaging System."

[Brain implant could restore speech](#)

Scientists in the School of Medicine have adapted brain-computer interfaces to listen to regions of the brain that control speech. The development may help restore capabilities lost to brain injury or disability.

[Professor Ramesh Agarwal receives 2011 AIAA Thermophysics Award](#)

The American Institute of Aeronautics and Astronautics presents the award to one person each year for outstanding scientific contributions in thermophysics.

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