InCyde Mechanical Engineering
May 7, 2010

This will be the last issue of InCyde Mechanical Engineering until August. Please continue to submit newsworthy items to jlstrawn@iastate.edu as they come up throughout the summer.

U2 will use ME technology during performance
Those attending the Glastonbury music festival this summer will see visuals from technology used by researchers in Iowa State's ME department. The rock band U2 will project images from Song Zhang’s 3-D shape measurement system and BodyViz’s 3-D medical imaging technology while performing “Even Better Than the Real Thing.” The U2 performance will take place on June 25 in Glastonbury, England, and will be broadcast on the BBC and via webcam. Keep an eye on http://www.bbc.co.uk/glastonbury/ for further details.

Teacher of the year
Jim Heise Teacher of the Year Award

Jim Heise has been honored by this year’s ME seniors as Mechanical Engineering’s Teacher of the Year. Each year the senior class selects the winner(s) from all faculty and lecturers who are actively teaching. Last year’s winners, Ted Heindel and Greg Maxwell, were not included in the ballot as is the tradition for this award.

Zou paper award
The American Automatic Control Council recently selected a research paper co-authored by Associate Professor of Mechanical Engineering Qingze Zou, graduate student Yan Yan, and Associate Professor of Materials Science and Engineering Zhiqun Lin for the 2010 O. Hugo Schuck Best Paper Award in the Applications category. The paper, titled “A Control Approach to High-Speed Probe-Based Nanofabrication,” discussed the use of a novel iterative learning control technique in probe-based nanofabrication. In the paper, the group demonstrated that unprecedented high-speed nanofabrication of a star-pattern at the nanoscale can be accurately fabricated using their technique.

The award is given to recognize the best two papers presented at the previous American Control Conference (ACC). It includes an honorarium and will be presented to the group at the 2010 ACC during the awards ceremony on Thursday, July 1, 2010, in Baltimore, Maryland.

ME staff earn degrees
In May, two ME staff members will receive diplomas for earning higher education degrees. Denise Bimay, secretary for the Kiewit Undergraduate Student Services Center, will earn her bachelor of
arts degree in human resource management from Briar Cliff University in Sioux City. She plans to take some time off and then take occasional refresher courses. Johna Wolfe, academic adviser, will receive a master of education degree from Iowa State in higher education with an emphasis in student affairs. This is her second master's degree from Iowa State.

**Summer office hours**
During the summer, May 10 to August 13, 2010, the ME administrative office will be open from 7:30 a.m. to 4:00 p.m. The Kiewit Undergraduate Student Services Center will be open from 7:30 to 11:50 a.m. and 12:30 to 4:00 p.m.

**New MEGSO cabinet**
Results for the 2010–2011 Mechanical Engineering Graduate Student Organization elections are in, and the new cabinet members are
- Joe Holub, President
- Ravi Kolakalvri, Vice President
- Najeeb Kuzhiyil, Treasurer
- Matthias Veltman, Board Member at Large

Do you have department news you'd like to share? Please e-mail news items for InCyde Mechanical Engineering to Jessi Strawn at jsstrawn@iastate.edu

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