

The Center for e-Design

Center for e-Design

IT-Enabled Design and Realization of Products and Systems

A National Science Foundation Industry/University Cooperative Research Center

WELCOME



Welcome from the Center Director

Dear friends and colleagues,

Welcome to the November issue of the Center for e-Design newsletter. Earlier this month, we held our semi-annual Industrial Advisory Board (IAB) meeting in Tewksbury, Massachusetts, which included an exclusive member tour of the Raytheon Company, presentations from several industry members, and updates and presentations with e-Design members on projects addressing current and future industry needs. Please enjoy this newsletter.

All the best - Janis

MEMBER CORNER

Sensing As a Service (SAAS) by Don Deptowicz and Carlyle Adams of nuForj, LLC.



Successful operations rely on the timely acquisition, transmission and processing of data, which must be immediately converted into knowledge for useful action. This same Data Sensing & Integration for Real Time Networking and Analysis

will shrink the world/universe through preventive networking. This will have a profound effect on everything that touches our lives. >>

RESEARCHER AWARDS

Three Oregon State University MIME faculty receive ASME's top honor

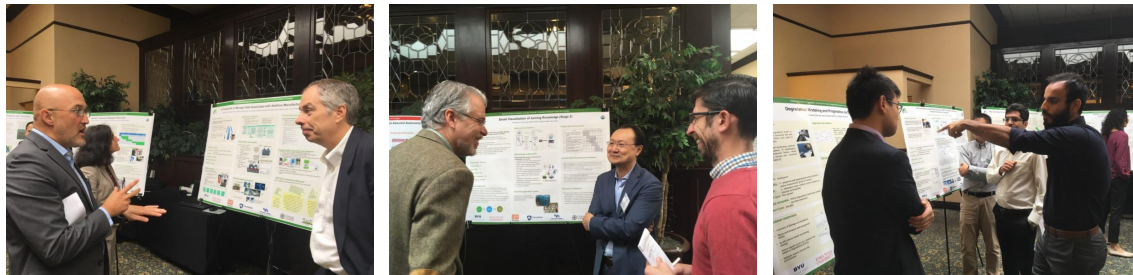
For their outstanding accomplishments in engineering, Brian Paul, Robert Stone, and Irem Tumer have been elected Fellows of the American Society of Mechanical Engineers (ASME). >>



Oregon State names interim vice president for research

Oregon State University President Ed Ray Wednesday named Irem Tumer as interim vice president for research. Tumer is a professor in the School of Mechanical, Industrial, and Manufacturing Engineering at Oregon State and associate dean for research in the university's College of Engineering. She is also a Fellow of the American Society of Mechanical Engineers and a former program manager at NASA. >>

FALL IAB MEETING



E-Design members connect at Fall IAB Meeting

The e-Design Industrial Advisory Board (IAB) met in Tewksbury, Massachusetts, Oct 2-4 to review the progress of current projects and investigate prospective research topics to address current and future industry needs. Thank you to meeting host UMASS-Amherst and the Raytheon Company for the exclusive meeting tour. Also special thanks to our featured speakers, Bill Dawson, director of mechanical engineering, Raytheon Company; Kevin Carpentier, NSAM technical director, ONR Mantec; Mike White, CEO/CTO, FTL Labs Corp; Victor Gerdes, vice president product management, PTC; and Scott Miller, owner/founder, The Innovation Machine.

PUBLICATIONS

New e-Design research publications available

Many e-Design projects lead to important research publications. The following publications are products of just a few of the 19 e-Design projects presented at the Fall 2018 IAB meeting, including Image Guided Additive Manufacturing and Parallel computing & Network modeling of Internet of Things. See some of the available publications here: [>>](#)

CALENDAR

Save the Date: April 24, 2018

Spring Industrial Advisory Board Meeting
Look for details coming soon.

Academic partners include: Brigham Young University, Iowa State University, Oregon State University, Penn State, University at Buffalo, University of Massachusetts-Amherst, and Wayne State University



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