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College of Engineering and Applied Sciences Western Michigan University

… CEAS e-News … a Parkview Campus e-publication

Engagement – Leadership – Globalization – Innovation

Tuesday, April 06, 2010

Volume 05, Issue 13 **Jerrie Fiala, Editor**: jerrie.fiala@wmich.edu

SEDP to showcase 73 engineering design projects on Tues., Apr. 20

The **46th Conference on Senior Engineering Design Project** (SEDP) is set for **Tues., April 20,** at the Parkview Campus. The event will showcase 73 capstone projects by 209 graduating seniors.

The event (including parking) is free and open to the public. No reservations are required. High school and community college teachers are encouraged to bring students to the conference.

CEAS seniors (from left) **Marcus Marzetti, Brad Hovarth**, and **Dustin Walker** are preparing a mock up of a three-wheeled urban electric vehicle, which they designed using CAD programs. Faculty advisers are **Dr. Pavel Ikonomov** and **David Middleton.** The SEDP will be presented at 9 a.m. in D-201.

The 25-minute presentations begin on the hour and half hour. No projects are presented from noon to 1 p.m. Here is an overall schedule with start times:

➥**Department of Mechanical and Aeronautical Engineering (MAE)**: 3 concurrent sessions:
10 projects in D-109 from 9 to 3
9 projects in D-210 from 9 to 2:30
8 projects in D-212 from 9 to 2

➥**Department of Paper Engineering, Chemical Engineering, and Imaging (PCI):**
12 projects in D-208 from 9 to 4

➥**Department of Industrial and Manufacturing Engineering (IME):**
10 projects in D-201 from 8 to 2

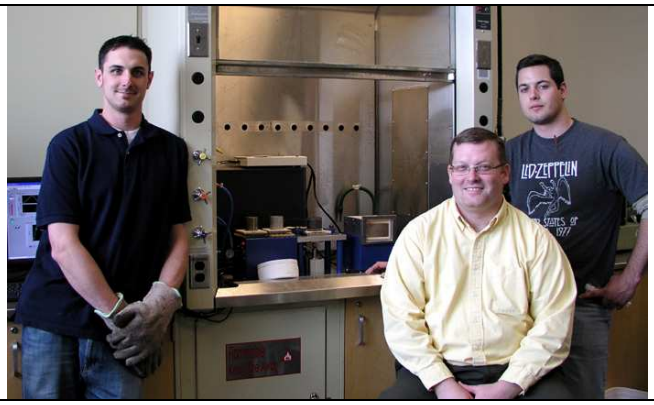
➥**Department of Civil and Construction Engineering (CCE):**
9 projects in Room D-115 from 8:30 to 2

➥**Department of Electrical and Computer Engineering (ECE):**
9 projects in D-204/05 from 9 to 2:30

➥**Department of Computer Science (CS)**:
6 projects in D-202 from 9 to noon

Posing with the remote-controlled model aircraft they designed, built, and tested for an AIAA competition are (from left), CEAS seniors **Nick McDermott, Alex Satonik**, and **Matt Aven.** The project's faculty adviser is **Dr. Kapseong Ro.** The SEDP will be presented at 9 a.m. in D-109 .

More than 37 area companies, businesses, and organizations sponsored one or more projects, and more than 60 faculty and administrators are serving as advisers for one or more projects.



CEAS seniors (from left) **Tim Gaston, Chris Reniger** , and **Matt Kunesh** pose with testing equipment they designed and fabricated to improve and standardize testing of resin-coated sand systems in the foundry industry. The faculty adviser is **Dr. Sam Ramrattan** The SEDP will be presented at 8:30 a.m. in D-201.

For more information, call **Tamara Bergman** at (269) 276-3248 or check out the project details at http://www.wmich.edu/engineer/senior-design-conference.htm

Send your thoughts or suggestions for future topics to the editor at jerrie.fiala@wmich.edu Thank you.