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On Tues., April 15, senior engineering conference features 72 projects

The 42nd Conference on Senior Engineering Design Projects – set for Tues., April 15 – features 72 projects presented by 194 seniors who represent programs in seven CEAS departments. The event is free and open to the public. Free parking is available.

The 25-minute presentations begin exactly on the hour and half hour between 8 a.m. and 4 p.m. at the Parkview Campus. No projects will be presented during the lunch break from 12 to 1 p.m. Here is an overview of the CEAS departments' projects with the **start times** of the first and the last project presentations:

Civil and Construction Engineering (CCE): 25 students offer 8 projects - 9 to 1:30 in D-115.

Computer Science (CS): 12 students present 5 projects - 10 to 1 in D-210.

Electrical and Computer Engineering (ECE): 17 students plan 5 projects - 9 to 11 in D-202.

Industrial Design (ID): 19 students offer 11 projects - 9 to 3:30 in D-109.

Industrial and Manufacturing Engineering (IME): 36 students present 11 projects - 8 to 2 in D-201.



Completing the third phase of an IME project on automotive re-engineering are (from left) **Marcus Anderson, Ryan Needham, and Travis Fifelski**; project advisors are **Fred Sitkins, Tom Sutton, and Dr. Pavel Ikonmov**. The presentation begins at 2 p.m. in D-201.

Paper Engineering, Chemical Engineering, and Imaging (PCI): 26 students offer 8 projects - 9 to 2:30 in D-208.

Sponsors for this semester's projects include the following: **Armstrong International Inc., Bronson Methodist Hospital, Cicconi Racing, CSM Group, Dana Corp., DENSO North America Foundation, General Motors, Graphic Packaging International, Humphrey Products Co., JKK Consulting, Kalchik Farms, Kellogg Co., Manatron: Entertainment Robotics, Max Docks Co., Miller-Davis Group, Paramount Charter Academy, Parker Hannifin Corp., Perrigo Co., Pfizer, Inc., POURfest Products, Prein & Newhof, Steer Axle Group, Dana, Strucker Craniomaxillofacial, Stryker Instruments, Stryker Medical, The Woodsmiths, Inc., and Whirlpool Corp.**

Professors chairing the various sessions are **Dr. Sherif Yehia (CCE); Dr. John Kapenga (CS); Dr. John Gesink (ECE); Dr. Roman Rabiej (ID); Drs. Betsy Aller and Bob White (IME), Drs. Christopher Cho, Parviz Merati, and Kapseong Ro (MAE); and Dr. Peter Parker (PCI).**

More than 40 faculty members are serving as advisers for the projects. Many are serving on two or more projects. A complete schedule of project presentations is available at <http://www.wmich.edu/engineer/senior-design-conference.htm> For more information about the conference, call **Laura Decker** at 269-276-3251.



Civil engineering seniors **Sean Lynn** (left) and **Scott Baker**, work on the senior design project to develop a six-story office building with green-building criteria. They, along with team mate **Andrew Kuipers**, are using simulation software SAP2000 to ensure the structural stability. Advising the project are **Dr. Sherif Yehia** and **Dr. Jun-Seok Oh**. The presentation begins at 11:30 a.m. in D-115.

Mechanical and Aeronautical Engineering (MAE): three concurrent sessions for 59 students to give 23 projects - 10 projects - 9 to 2:30 in D-204/205; 6 projects - 9 to 11:30 in C-124, and 7 projects - 9 to 1 in D-212.

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