



Job Description: Assistant Professor in Advanced Automotive Propulsion Control

The Department of Mechanical Engineering (ME) invites applications for a tenure-track faculty position, starting September 1, 2020. Although candidates at the Assistant Professor rank are preferred, candidates with exceptional experience and qualifications may be considered for the rank of Associate Professor.

The Department of Mechanical Engineering (ME) currently enrolls about 1000 students and offers a full range of educational programs, from undergraduate to Ph.D. levels, in the areas of mechanical, bio-, and automotive engineering. A new 123,000 square foot laboratory building is currently under construction at the College of Engineering and Computer Science with planned completion in the summer of 2020. The Department has 26 full-time faculty members and expects a period of dynamic growth with active strategic hiring over the next several years.

Qualifications:

Applicants must have a Ph.D. in mechanical engineering or a closely related field and expertise in control of advanced vehicle propulsion systems including intelligent control of internal combustion engines and electrified propulsion. Special consideration will be given to candidates who pursue experiment-based research and would be interested to work with the new engine-dyno facility acquired by the college. Excellent teaching and communication skills as well as demonstrated research potential are essential.

The successful candidate is expected to teach undergraduate and graduate courses in such areas of mechanical engineering as control, engine and powertrain, and thermal-fluid sciences, establish a sustainable research program, make significant scholarly contributions to their discipline, be an effective teacher and mentor of both undergraduate and graduate students, and engage in institutional and professional service.

Applications:

Applicants should send a cover letter, curriculum vitae, statements of teaching and research interests, and names and contact information for four references through Interfolio at <http://apply.interfolio.com/67732>.

The review of applications will start on October 15, 2019, but applications will be accepted until the position is filled.

The University of Michigan-Dearborn is an equal opportunity/affirmative action employer.

The University of Michigan conducts background checks on all job candidates upon acceptance of a contingent offer and may use a third party administrator to conduct background checks. Background checks will be performed in compliance with the Fair Credit Reporting Act.