Tenure-Track Faculty Position Announcement in Internal Combustion Engines

The Mechanical Engineering Department at Wayne State University invites candidates to apply for the tenure-track faculty position in the area of internal combustion engines. We expect to make the appointment at the Assistant Professor level, but will consider exceptional senior-level candidates with a strong track record of major external funding and peer-reviewed publications. Applicants with industrial experience whose interests extend to other research areas within the Department and College are strongly encouraged to apply. The successful candidate is expected to support and strengthen research activities of the existing engine group.

Applicants must have an earned doctorate by August 2016 in mechanical engineering with a concentration in internal combustion engines and related topics including instrumentation, sensing, advanced combustion diagnostics, computational fluid dynamics, engine modeling and simulations. Moreover, they must show evidence of a sustained peer-reviewed publication record, have experience or strong interest in teaching and mentoring students, and have a strong commitment to scholarly collaboration with faculty within the College and University. Applicants are expected to have excellent oral and written communication skills.

Duties involve teaching at both undergraduate and graduate levels in thermal-fluid sciences, introducing new courses in the applicant’s respective field of expertise, developing an externally-funded research program, supervising and mentoring both graduate and undergraduate students, and engaging in professional societies and university services.

The starting date of employment is August 15, 2016. This position is a 9 month appointment. All applicants must submit their applications through the WSU Online Hiring System at https://jobs.wayne.edu, and refer to posting 041473. Electronic applications must include a letter of application; curriculum vita; names, addresses, and contact information for at least three references, a personal statement regarding teaching and research activities (limited to 3 pages), and selected refereed journal publications (limited to 3 papers). Faxed or emailed applications will not be accepted. The review of applications will begin on November 23, 2015 and the search will remain open until the position is filled. Salary and rank of position will be commensurate with qualifications and experience.

Wayne State University is an Affirmative Action/Equal Employment Opportunity Employer. The College of Engineering is strongly committed to achieving excellence through cultural diversity. The college actively encourages applications and nominations of women, persons of color, persons of disabilities, veterans, and members of other under-represented groups.