

Department of Mechanical Engineering: University of Minnesota - Twin Cities

Faculty Opening

The Department of Mechanical Engineering at the University of Minnesota-Twin Cities invites applications to fill a full-time, tenure-track position in the area of Reactive Flows beginning Fall 2018. We encourage applications from individuals with a strong foundation in physicochemical flows as well as multiscale modeling and diagnostics of reactive flow systems. Areas of interest include but are not limited to combustion, plasmas, aerosols, and reactive multiphase flows. The appointment is expected to be at the Assistant Professor level, but applicants may be considered for a tenured appointment if they have a particularly strong record of research and teaching accomplishments, scientific leadership, and creativity.

Applicants are expected to hold a Ph.D. in Mechanical Engineering (or a closely related discipline) and have demonstrated the potential to conduct a vigorous and significant research program as evidenced by their publication record and supporting letters from recognized leaders in the field. The candidate's engineering expertise and documented research activities must demonstrate a strong potential to enhance both the Department's research and the undergraduate and graduate teaching missions. Successful candidates are expected to build strong, externally-funded, highly-visible research programs and to become recognized leaders in their field. Information on the current research activities of the department can be found at <http://www.me.umn.edu/research/index.shtml>. The ability to teach effectively at both the graduate and undergraduate levels to a diverse group of students is required.

The Department of Mechanical Engineering has an internationally recognized faculty, and is part of the College of Science and Engineering, the highly interdisciplinary college of engineering, physical sciences, and mathematics. The University of Minnesota, Twin Cities (UMTC), is among the largest public research universities in the country, offering undergraduate, graduate, and professional students a multitude of opportunities for study and research. Located at the heart of one of the nation's most vibrant, diverse metropolitan communities, students on the campuses in Minneapolis and St. Paul benefit from extensive partnerships with world-renowned health centers, international corporations, government agencies, and arts, nonprofit, and public service organizations.

Additional information and application instructions can be found at <http://www.me.umn.edu>. To assure full consideration, applications should be received by January 1, 2018, but they will continue to be accepted until the position is filled. We are committed to attracting candidates from diverse cultures and communities because we believe that diversity enriches the classroom and research experience at the University.

The University recognizes and values the importance of diversity and inclusion in enriching the employment experience of its employees and in supporting the academic mission. The University is committed to attracting and retaining employees with varying identities and backgrounds. The University of Minnesota provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.