

美国 Florida State University 机械系两个博士研究生全奖机会

Dr. Chengying Xu is recruiting two highly motivated PhD students with full RAs to study at Department of Mechanical Engineering, Florida State University, USA (<http://www.eng.fsu.edu/me/>) starting from Fall this year.

One research direction expects candidate to have most of the following academic background:

- Understand the mathematic modeling of machining processes, such as milling, turning, or metal forming process, etc.
- Be familiar with advanced mechanics knowledge, such as constitutive modeling of plasticity and fracture.
- Be able to do finite element analysis using standard software programs, such as Abaqus, LS-Dyna.
- Has certain material background, especially on metal matrix composites. He/she should have taken basic courses such as 'mechanical behavior of materials', 'structure and properties of materials', 'material thermodynamics', etc.
- Preferably has the M.S. degree, and has journal and/or conference paper publication.

The other research direction expects candidate to have most of the following academic background:

- Be very familiar with polymer (or ceramic) matrix composite material.
- Has good background on turbine engine and understand the key components.
- Understand the mathematic modeling of machining processes, such as milling, turning, or metal forming process, etc.
- Understand engineering design process, and be able to do CAD/CAM drawing using standard software, such as SolidWorks.
- Preferably has the M.S. degree, and has journal and/or conference paper publication.

If interested, it is recommended to send your following application materials to Dr. Chengying Xu (via email cxu@fsu.edu) for consideration.

- A one-page statement of purpose, which lists your career goals.
- A curriculum vitae, which lists your experiences and qualifications.
- Unofficial copies of all transcripts, including undergraduate and graduate programs.
- Unofficial copy of GRE scores and TOEFL scores if you are not a native speaker of English.

今年秋季入学佛罗里达州立大学（Florida State University）机械工程系，申请的网址在这里：<http://www.eng.fsu.edu/me/graduate/prospective/> 申请今年秋季入学的截至日期是 4 月 1 日，申请时必须要有 GRE 和 TOEFL 成绩并达到学校的要求。

对于已有硕士学位的学生来申请博士学位，FSU 学校对博士学位的相关要求在这里：http://www.eng.fsu.edu/me/graduate/current/phd_degree_reqs/