



TEXAS TECH UNIVERSITY™

Ph.D.: Texas Tech University, Texas, USA

Two Ph.D. student positions are available in the Department of Mechanical Engineering at Texas Tech University, USA, anticipated to start in January 2020. The candidates will work with Dr. Shu-Xia Tang on research projects in the fields of battery management systems and/or swarm robotic systems, and can concurrently work on (shallow) water management systems, oil drilling systems, traffic management systems, 3D printing systems subject to the candidates' own interest. More information about the research can be found at <https://www.shuxia-tang.net/>. Scholarship is available to cover both tuition and living expenses.

Interested candidates should send a CV detailing academic achievements to Dr. Shu-Xia Tang at shuxia.tang@ttu.edu. All applicants must satisfy ME graduate program admission requirements (<http://www.depts.ttu.edu/me/grad/phd/>) including the required minimum GPA, and international applicants must obtain acceptable GRE scores and satisfactory TOEFL/IELTS scores. Dedicated and self-motivated candidates are in particular encouraged to apply:

- B.S. or M.S. degree in mechanical engineering, electrical engineering, (applied) mathematics, or related areas (**required**);
- Expertise in MATLAB/SIMULINK (**required**);
- Hands-on experience in experimental testing and/or hardware design (**required**);
- Good mathematical skills (preferred);
- Good skills in control and optimization (preferred).