Faculty Positions

Smart Sensor Fusion for Autonomous Systems

Contact: fusion@sjtu.edu.cn

Shanghai Jiao Tong University, Shanghai, China

University Page and Lab Page

Job Category

Institution	Shanghai Jiao Tong University (SJTU)
School	Electronic Information and Electrical Engineering (SEIEE)
Department	Automation
Location	Minhang Campus, Shanghai, China
Application Deadline	mutiple positions available until filled

Job Announcement

The newly-established Smart Sensor Fusion for Autonomous Systems (SSF) research laboratory at SEIEE of SJTU invites applications for research-line, tenure-track or tenured positions at all levels (Assistant, Associate, and Full) in Electrical Engineering, Artificial Intelligence and Computer Science, or a closely related field. All related areas will be considered while the SSF team particularly seeks strong candidates in the areas of Autonomous Driving and Robotics. Applicants must hold a doctorate degree in a relevant field. The candidates are expected to be a contributor to establish vigorous research programs and contribute to undergraduate and graduate education. Salaries are highly competitive and commensurate with qualifications and experience.

The SSF is a diverse and international research team, consisting of Academician and IEEE Life Fellow/Senior Members. We focus on data, algorithms and computing issues. Our research interests cover Cognitive Signal Processing, Sensor Fusion, Object Tracking, Localization/Mapping, Deep/Reinforcement Learning for various autonomous systems. We develop core functionalities of autonomous systems on *perception, prediction, planning and control*. We closely work with industrial partners and provide unique sensor fusion-driven solutions for various autonomous vehicles/equipment. We also lead testing, verification, validation and standardization procedure for the autonomous systems with designated institutes in China and Europe. More information can be found at http://fusion.sjtu.edu.cn/ and further inquiries please direct contact Dr. Ting Yuan via tyuan@sjtu.edu.cn.

For full consideration, please send a single PDF file with
- a curriculum vitae (with education/experise/projects ...)
- a statement of research interests and teaching goals,
- the names and contact information of five references (3 recommendation letters would be great),
- and copies of three key publications.

Apply to Job

please attention to: fusion@sjtu.edu.cn with job code "AP" in title.