

Faculty Positions in the I-AI Lab at Donghua University:

Donghua University is located in Shanghai, China, and is devoted to the disciplines of Textile Engineering, Fiber Material Science, and Fashion Design in China (https://en.wikipedia.org/wiki/Donghua_University).

Our Industrial Artificial Intelligence Lab (**I-AI Lab**) in School of Mechanical Engineering is devoted to the development of Smart Manufacturing techniques including but are not limited to Digital Twin, AR/VR, Industrial Big Data for the textile industry. With a strong support from the vast textile industrial enterprises in the Shanghai, Zhejiang, and Jiangsu Districts, I-AI Lab is equipped with a super computer for processing big data, an 1:3 automation production line fully connected with the internet of things, industrial robot arms, AGVs, AR/VR systems, and sophisticated textile machines, etc.

In order to promote the impact of our lab, we are recruiting post-Doc and PhD candidates from high-level international universities to fill in **Assistant Professor/Associate Professor positions related to Smart Manufacturing with emphasis on the following research directions:**

1. Digital Twin

- **VR/AR**
- **Real-time Large-Scaled (static and dynamic) Geometric Data Processing**
- **Machine Learning for Manufacturing Processes**
- **Manufacturing Process Simulation**
- **Industrial Internet of Things**
- **And related technologies**

2. Machine Vision.

A competitive salary and start funding will be provided. Particularly, rich fundings will be immediately provided for any critical research on the realization of Digital Twin.

Position Duty: Including but are not limited to the following: 1. Teaching related to smart manufacturing; 2. Supervision of postgraduate students; 3. Construction of the I-AI Lab with the textile enterprises;

Application requirements for the initial round of selection: 1) a PhD degree from a high-level university; 2) a full CV with a list of representative publications; 3) at least three representative journal publications.

Interested applicants may drop the required stuff to Dr. Wei via the following email:

xiangzhi.science@gmail.com

Welcome to join our vigorous and thriving team!