

Institute of Advanced Medical Imaging Technology

CT Clinical Specialist Job Description

Background

Photon-counting CT (PCCT) stands as one of the most significant technological revolutions in the development history of CT. Compared with conventional CT systems using energy-integrating detectors, PCCT systems exhibit remarkable attributes including high spatial resolution, low radiation dose, high quantitative accuracy, and exceptional spectral contrast with multichannel readouts, which enable multi-material discrimination. Shanghai Ruijin Hospital, Shanghai Jiaotong University, and Shanghai United Imaging Healthcare Co. Ltd. have collaborated to establish the Institute of Advanced Medical Imaging Technology in Shanghai, leading the effort for the development of PCCT technology and novel clinical applications in China.

Duties & Responsibilities

The major responsibilities of a **CT Clinical Specialist** will include:

- Develop clinical protocols and help launch clinical cooperation of PCCT.
- Exploit the advantages of PCCT in clinical applications and develop novel PCCT clinical solutions.
- Lead synergistic innovation between the industry, the academia, and the clinics.

Minimum Requirements

Education

- PhD in Biomedical Engineering, Medical Physics, or other related majors.

Experience

- CT research experience with a proven track record of scientific publications.
- Postdoctoral experience in clinical research or experience with technology related to PCCT is highly preferred.

Required Skills or/ Attributes

- Self-motivated and ambition to bring innovative technology into realistic clinical protocols.
- Experience working in a clinical and interdisciplinary environment.
- Ability to work independently as well as in coordination with the others.
- Excellent communication and presentation skills.

Job Location

- Shanghai, China

If interested, please contact **Wenying Wang** for more information:
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