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Dr. Wei Yao

European Patent Attorney Trainee

M. Sc. Pattern recognition and intelligent systems

Wei Yao is a patent attorney trainee at Maiwald. She studied electrical engineering, biomedical engineering, pattern recognition and intelligent systems.

While working on her doctorate, in addition to being involved in various projects at the German Aerospace Center (DLR), departments of Photogrammetry and Image Analysis (PBA) and Earth Observation (EO) Data Science, as well as at the Center for Sensor Systems (ZESS) at the University of Siegen, Wei Yao developed algorithms and software tools in the fields of satellite image processing (SAR and optical), image mining and image fusion. She also implemented spatial data services on a cloud platform for the rapid generation of reliable image datasets for deep learning algorithms through human interaction with the computer. She subsequently worked as a Helmholtz AI consultant on solving scientific problems with artificial intelligence.

CAREER

since 2023	Patent attorney trainee at Maiwald
2018 - 2023	Research Associate at the Remote Sensing Technology Institute (IMF), Earth Observation Center (EOC) of the German Aerospace Center (DLR), Oberpfaffenhofen near Munich

EDUCATION

2011 - 2017	Doctorate in the field of communications and information technology at the German Aerospace Center, Oberpfaffenhofen (2014-2017) and the University of Siegen (2011-2014)
2004 - 2011	Master's degree in pattern recognition and intelligent systems, Bachelor's degree in biomedical engineering at Huazhong University of Science and Technology

PRACTICE AREAS

- Electrical & Mechanical Engineering
- Food & Agriculture
- Communication & Information Technology
- Measuring & Process Technology
- Medical Technology & Imaging

- Patents & Utility Models

SERVICES

- Patent prosecution and portfolio management
- Application strategies and drafting of patent applications
- Freedom-to-operate- and validity opinions
- Opposition and nullity proceedings

LANGUAGES

- German
- English
- Chinese