



Institute Industrial IT (inIT - <http://www.init-owl.de/>), an application-oriented research institute at the OWL University of Applied Sciences (Hochschule Ostwestfalen-Lippe), located in one of the top leading edge technology clusters in Germany it's OWL (<http://www.its-owl.com/>), is searching for:

Research assistants and Ph.D. students to work in projects in the fields of
“Industrial Communication” and “Artificial Intelligence in Automation”

Primary Duties and Responsibilities:

As a part of a project team, the research assistant carries out research in the field of industrial informatics and industrial automation including the following activities:

- Research and development in the areas of Cyber-Physical Systems (CPS), Industrie 4.0 and Intelligent Assistance Systems,
- technology development, software and/or hardware design, software development,
- work with simulation tools, such as Matlab, R, Simulink, Omnetpp,
- research options ranging from real-time image processing, industrial communications, through engineering and configuration, analysis and diagnosis of technical systems to human-machine interaction,
- research and testing of own results and ideas in outstanding scientific environment SmartFactoryOWL (<http://www.smartfactory-owl.de/>).

Positions are designed to foster young researchers and give the successful applicant the opportunity to pursue a doctoral degree.

Your Profile:

- Completed Master's/Diploma (or equivalent) degree in computer science, electrical engineering, mechatronic, physics, mathematics or a closely related field,
- background and strong interest in one of the above-mentioned fields,
- previous experience in field of research would be advantageous,
- good oral and written English and/or German language skills,
- strong time and project management skills with the ability to set and meet milestones.

We offer:

- Excellent opportunities for your personal development and diverse career paths,
- open and creative atmosphere in a multicultural working environment,
- salary follows up to **TV-L E13** with regular weekly hours of 39.8h (100% contract),
- flexible work time,
- close cooperation with well-known industrial partners (e.g. Bosch, Claas, Siemens, Amazon, Phoenix Contact, Dr. Oetker).

If interested, please send your application (motivation letter, CV, credentials) as PDF file to one of the emails:

Industrial Communication: Dr.-Ing. Łukasz Wiśniewski, e-mail: lukasz.wisniewski@hs-owl.de

AI in Automation: M. Sc. Konrad Baran, e-mail: konrad.baran@hs-owl.de