www.fir.rwth-aachen.de

A technological foundation is the cornerstone of every successful digital transformation. In order to maximize the potential of Industry 4.0, the interaction of the various information and value-adding technologies is crucial. For optimal data transfer between the shop- and office floor-systems, information technology (IT) and operational technology (OT) need to be interconnected.

Bachelor- / Master thesis ‚Development of a profile for the on-site survey of the IT-OT landscape‘

Tasks:

- Research of IT and OT landscape characteristics,
- Development of a morphological box to describe the IT and OT landscape at the site,
- Elaboration of the necessary characteristics linking IT-OT Systems,
- Validation in practical applications from the FIR environment.

Qualification/profile:

- Student from the fields of industrial engineering or mechanical engineering,
- Interests in Industry 4.0 and digitalization,
- Very good MS-Office knowledge,
- Careful working methods.

We offer:

- Cutting edge topic with great impact potential,
- Topic that is used in practice,
- The possibility of flexible time management and independent working,
- Constructive and continuous support through regular feedback loops in the form of on-site meetings,
- A workspace in a motivating environment.

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