

Institute for Automation and Applied Informatics (IAI)
Director: Prof. Dr. Veit Hagenmeyer
Sci.-adm. Manager: Andreas Hofmann
KST 5420

Administration
 Head: Andreas Hofmann

Scientific-technical Infrastructure (STI)
 HG: Jürgen Engemann

Research Platform Energy (RPE)
 Head: Dr. Simon Waczowicz

Energy System Integration (ESI)
 HRA: Dr. Uwe Kühnapfel

Advanced Automation Technologies (A2T)
 HRA: apl. Prof. Dr. Jörg Matthes

IT Methods and Components for Smart Infrastructures (IT4SI)
 com.HRA: Dr. Thorsten Schlachter
 DH.: Dr. Kevin Förderer

Automated Image and Data Analysis (AIDA)
 HRA: apl. Prof. Dr. Ralf Mikut

Automation for Laboratories (ATLAS)
 HRA: apl. Prof. Dr. Markus Reischl

System Integration for Components and Systems (SI-CS)
 HRA: PD Dr. Ulrich Gengenbach

Scientific Operation (SciOp)
 Contact:
 Friedrich Wiegel
 Dr. Michael Kyesswa

Simulation and Visualization (SV)
 HG: Dr. Uwe Kühnapfel

Advanced Automation Methods for Industrial Processes (AMIP)
 HG: apl. Prof. Dr. Jörg Matthes

Web-based Information Systems (WebIS)
 HG: Dr. Thorsten Schlachter

Machine Learning for Time Series and Images (ML4TIME)
 HG: apl. Prof. Dr. Ralf Mikut

Machine Learning for High-Throughput Methods and Mechatronics (ML4HOME)
 HG: apl. Prof. Dr. Markus Reischl

System Integration for printed electronics (SI-PE)
 HG: PD Dr. Ulrich Gengenbach

Scientific Infrastructure (SciInf)
 Contact:
 Luigi Spatafora
 Jan Dillmann

Energy System Analysis (ESA)
 HG: Dr. Hüseyin Çakmak

Robust Secure Automation (RSA)
 HG: Dr. Kaibin Bao

IT Methods and Components for Energy Systems (IT4ES)
 HG: Dr. Kevin Förderer

Biomedical Engineering & Robotics (BER)
 HG: apl. Prof. Dr. Christian Pylatiuk

Lab Automation – Simulation & Design (LASD)
 HG: PD Dr. Ingo Sieber

Process Optimization, Information Management, Applications (PIA)
 HG: Dr. Steffen Scholz

Scientific Development (SciDev)
 Contact:
 Dr. Simon Waczowicz
 Peter Moster

Optimization and Control (OC)
 HG: Prof. Dr. Veit Hagenmeyer

Secure Energy Systems (SES)
 HG: Dr. Ghada Elbez
KASTEL

IT Methods and Components for Energy Data Management (IT4EDM)
 HG: Dr. Wolfgang Süß

Systems Theory and Control (STC)
 HG: apl. Prof. Dr. Lutz Gröll

Semantic Data Models (SDM)
 HG: Karl-Heinz Häfele

Data-driven analysis of complex systems (DRACOS)
 HG: Dr. Benjamin Schäfer

Research Platform Energy

Research Areas

HRA = Head of Research Area
 HG = Head of Group
 DH = Deputy Head