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**Institute for Automation and Applied Informatics (IAI)**  
  
Director: Prof. Dr. Veit Hagenmeyer  
  
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KST 5420

**Infrastructure**  
Head: Andreas Hofmann

**Administration Office CN**  
Bernadette Lehmann  
Sabine Scheer  
Jasmin Thiel

**Scientific-technical  
Infrastructure (STI)**  
HG: Jürgen Engelmann

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

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

**Scientific Infrastructure (SciInf)**  
Contact:  
Luigi Spatafora  
Jan Dillmann

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

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

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

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

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

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

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

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

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

**Secure Energy Systems (SES)**  
HG: Ghada Elbez  
**KASTEL**

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

**IT Methods and Components for  
Smart Infrastructures  
(IT4SI)**  
comm. HRA: Dr. Thorsten Schlachter

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

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

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

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

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

**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 Nano  
and Micro Systems  
(SI-NMS)**  
HRA: PD Dr. Ulrich Gengenbach

**System Integration – Systems,  
Processes, Equipment (SI-SPE)**  
HG: PD Dr. Ulrich Gengenbach

**System Integration – Inspection  
and Digital Image Processing  
(SI-IIP)**  
HG: Dr. Bernd Köhler

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

**Research Platform Energy**

**Research Areas**

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