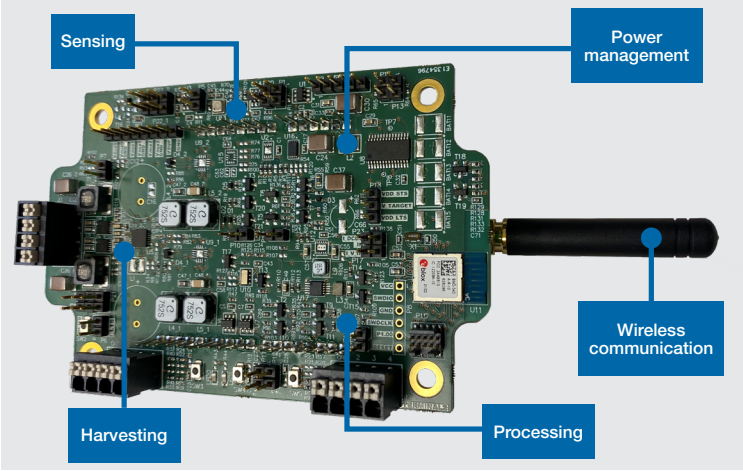
School of Engineering

Institute of Embedded Systems

Embedded Processing and Communication



- Research projects
- System concepts and feasibility studies
- Development of Hardware and Firmware
- Evaluation of technologies and components
- Proof-of-concepts
- Reference implementations

Edge AI, IoT Security, Low Power & Energy Harvesting, Safety & Reliability, Wireless Communication, Real-Time

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High Integrity Systems
Prof. Hans Dermot Doran

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Communication Network Engineering
Dr. Martin Ostertag

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Low-power Wireless Embedded Systems
Prof. Dr. Marcel Meli

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System on Chip Design – Embedded AI and Edge Processing
Tobias Welti

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System on Chip Design – Distributed Communication Systems
Dominique Cachin

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Energy Self-Sufficient Systems
Prof. Dr. Juan-Mario Gruber

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Internet of Things
Dr. Simon Künzli

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Realtime Platforms
Prof. Dr. Matthias Rosenthal