ESLAB

Embedded Systems Laboratory

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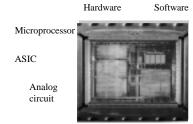


Division of Software and Systems (SaS) IDA, Linköping University

The Group

- 3 senior staff.
- 8 PhD students (two more positions available).
- Last year's research output:
 - 1 PhD disputation
 - 1 Lic thesis
 - 18 publications (2 in prime journals)

System on Chip (SoC)



Sensor

Embedded memory

DSP

ratus Network

Optical device

Design of Embedded Systems

- Functionality/requirement capture
- Design space exploration
- Verification, simulation and testing
- Global optimization

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- System-level specification and modeling.
- Hardware/software codesign.
- System-on-chip techniques.
- Reuse/incremental design.
- Design verification.
- Testing and design for test
- Built-in self test.