

Rodrigo Schmitt Meurer

Profession

- B. Sc. Student in [Automation and Control Engineering](#) at [Federal University of Santa Catarina \(UFSC\)](#) (7th period)
- Researcher of the [Software/Hardware Integration Lab \(LISHA\)](#) at UFSC
- [Weekly Schedule](#)

Research Activities

Research Topics:

- **Virtualization**
- **Artificial Intelligence**
- **Embedded Systems**

Research Interests:

- Virtualization
- Wireless Sensor Networks applications
- Domotic/Automation/Robotic
- Data Mining/Information Retrieval/Machine Learning

Current Projects/Experiments:

- [Adaptation of a Minimalistic Dom0 of Xen that implements a Service VM \(.Project\)](#)
- [Prescient - Context Aware Home Monitoring and Control Central \(Source\)](#)

Former Projects/Experiments:

- [Analisis of SW aspects' influence on energy consumption using HLS](#)
- [Implementation of the AES cipher in hardware using the Unified Design Strategy.](#)
- [Implementation of a FIR filter in hardware using HLS techniques.](#)
- Development of a Wireless Sensor Network with mobile nodes based on arduino.*
- Adaptation of a Crash bobby platform for arduino.*
- Projects developed before joining lisha.

Contact

UFSC/CTC/LISHA ([map](#)) PO Box 476 88049-900 Florianópolis - SC - BRAZIL Phone/Fax: +55 48 3721-9516 E-mail: [rmeurer at lisha.ufsc.br](mailto:rmeurer@lisha.ufsc.br)