

# Events

- [LISHA Colloquia](#)

## 2026

- [LISHA Workshop on Automotive Systems 2026](#), Mar 26-27, 2026 at Fotovoltaica/UFSC.

## 2025

- [LISHA Workshop on Automotive Systems 2025](#), Mar 13, 2025, from 9:00 until 17:00 at Fotovoltaica/UFSC.

## 2024

- [From Resilient Autonomous Driving to Cyber-Resilient Systems on a Chip](#) by Marcus Völp on Nov 25, 2024 at 10:30.
- [Towards Trustworthy Generative AI](#) by Fredrik Heintz on Nov 13, 2024 at 14:00.
- [Evolution of the PikeOS Microkernel](#) by Robert Kaiser on Oct 10, 2024 at 13:30.

## 2022

- [Panel on Autonomous Vehicles at SECCOM 2022](#) on Nov 30, 2022 at 16:00.
- [Energy- and Security-aware Operating Systems](#) by [Benedict Herzog](#) on Nov 29, 2022 at 13:30.
- [Volatility in NVRAM-centric Operating Systems](#) by [Christian Eichler](#) on Nov 29, 2022 at 14:00.

## 2019

- [oneM2M@UFSC 2019SES 2019](#), EPS Auditorium, Nov 14, 2019, at 9:00.
- [SES 2019 - Workshop on Smart Embedded Systems](#), LISHA Joinville, Aug 7, 2019, at 13:00.

## 2018

- [Software Parallelization in Embedded, Heterogeneous Multi/Manycore Systems](#) by Prof. Dr. Ulrich Margull on Oct 30th, 2018 at 09:00.
- [Predictability Issues in Operating Systems](#) by [Wolfgang Schröder-Preikschat](#) on Feb 26, 2018 at 13:30.
- UFSC + USARL Colloquium on Trustfulness for the IoT on Feb 19-20, 2018 at UFSC [Fotovoltaica](#).

## 2016

- [From Smart Buildings to Smart Chips](#) by [Dr. Antonio Augusto Frohlich](#) on Sep 16, 2016, at 13:30.
- [EUC 2016 Overview](#) by [Davi Resner](#) on Sep 12, 2016 at 13:00.

## 2015

- [Trends for flight control computers to be used in UAVs operating in civil airspace](#) by Dr. Peter Hartlmüller on Nov 25, 2015, at 13:30.
- [Intel+UFSC: Brainstorming on Potential Joint Research](#) by Dr. David Ott on Nov 16, 2015 at 14:00.
- [Leveraging Energy-Aware Programming Techniques to Build Energy-Efficient System Software](#) by Timo Hönig on Nov 9, 2015 at 13:00.
- [Colloquium on Hardware Variability](#) by Dr. Lucas F. Wanner on Apr 16, 2015 at 13:30.
- [LISHA Internal Workshop on Smart X](#) on March 25th, 2015 (13:00)

## 2014

- [LISHA promotes series of short courses and seminars on embedded systems](#)

- [ESWeek2014 Overview](#) by Mateus Ludwich
- [LISHA Joinville promotes a seminar about Modeling for Performance Evaluation and Software Testing](#) by Nandamudi Vijaykumar on August 28th, 2014 - 10:00
- [Thesis presentation: Real-Time Operating System Support for Multicore Applications](#) by Giovanni Gracioli on July 4th at 14:00.
- [TCC presentation: Estabelecimento de Chaves e Comunicação Segura para a Internet das Coisas](#) by Davi Resner on July 3rd at 14:00.
- [Palestra: Identificação de Aparelhos Elétricos Através de Suas Assinaturas](#) by Rodrigo Bacurau on May 12, 2014 at 17:00.
- [Colloquium on Organic Real-time Programming](#) by Prof. Franz Rammig on May 6, 2014 at 14:00.

## 2013

- [LISHA Research Colloquium 2013-2](#)
  - [Linear Temporal Separation Logic 3](#), by Mateus Krepsky Ludwich
  - [A secure key bootstrapping protocol for Wireless Sensor Networks](#), by Davi Resner
  - [An Implementation of the AES cipher using HLS](#), by Rodrigo Meurer
  - [Porting EPOS to the Zynq-7000 ARM Cortex A9 platform](#), by Bruno Farias de Loreto
  - [An FPGA based hardware implementation of the IEEE 802.15.4 protocol](#), by João Gabriel Reis
  - [Adaptive Scheduling for Energy-Aware Real-Time Systems](#), by Arliones Hoeller
  - [Real-Time Operating System Support for Multicore Applications](#), by Giovanni Gracioli
- [TCC Presentation](#) on November 25, 2013:
  - [Desenvolvimento de um Eletrocardiógrafo Holter com Tamanho e Custo Reduzidos](#), by Mario Baldini.
- [ENSIMAG WSN Mobile & Wireless Networks for the future Internet of Things](#) by Prof. Franck Rousseau (Grenoble Institute of Technology), October 24, 2013.
- [LISHA Colloquium on Performance Evaluation](#) by Prof. Sebastian Fischmeister (University of Waterloo), April 22, 2013.
- [Dissertation Defense](#):
  - [Projeto Unificado de Componentes em Hardware e Software para Sistemas Embarcados](#) by Tiago Muck, on February 15, 2013 .
  - [C-MAC: um Protocolo Configurável de Controle de Acesso ao Meio para Redes de Sensores Sem Fio](#) by Rodrigo Steiner, on February 18, 2013
- [Colloquium on Lightweight Modeling](#) by Steven Stewart (University of Waterloo), January 30, 2013.

## 2012

- [TCC Presentation](#) on December 17, 2012:
  - [Uma máquina virtual multi-thread para Sistemas embarcados](#). by [Andre Kuhnen](#).
  - [Sincronização de Tempo para redes de sensores sem fio utilizando o protocolo IEEE1588](#). by [Peterson Oliveira](#).
- [Network's group presentation](#)
- [Seminário Metodologias de Cooperação e Seleção de Nós para sistemas de Localização indoor com Medição de RSSI](#)

- [Brazilian Symposium on Computing System Engineering \(SBESC'2012\)](#), Natal, November 5-10, 2012.
- [LISHA's research at SECCOM 2012](#), October 18, 2012.
- [Colloquium on Traffic Control Optimization](#) by Ricardo Reghelin (Federal Institute of Santa Catarina), April 17, 2012.
- [LISHA Colloquium on Code Instrumentation With Non-functional Properties](#) by Prof. Sebastian Fischmeister (University of Waterloo), April 12, 2012.

## 2011

- [LISHA's research at SECCOM 2011](#), October 17, 2011.
- [Brazilian Symposium on Computing System Engineering \(SBESC'2011\)](#), Florianópolis, November 6-11, 2011.
- [LISHA Colloquium on Software Aging](#) by Prof. Rivalino Mathias (Federal University of Uberlândia), July 25, 2011.

## 2010

- [Workshop de Sistemas Operacionais \(WSO'2010\)](#), Belo Horizonte, July 22-23, 2010

## 2008

- [Algorithmic Skeletons for the Design of Partially Reconfigurable Systems](#), July 3, 2008.
- [System Software in the Multi-core Era](#), March 5, 2008.

## 2007

- [Biologically Inspired Computing](#), March 7, 2007.

## 2006

- [ExpoT&C](#), July 17-26, 2006.
- [WSO Talk on Cell Computing](#), July 17, 2006.
- [Colloquium on Embedded Systems on a Chip](#), June 17, 2006.
- [PDSCE Technical Workshop](#), April 20, 2006.
- [Xilinx Seminar on Digital Signal Processing](#), March 29, 2006.
- [Colloquium on Self-Coordinating Systems](#), April 5, 2006.

## 2005

- [PDSCE Opening Workshop](#), March 12, 2005.

## 2004

- [Xilinx University Program Workshop](#), November 8-9, 2004.
- [Colloquium on Embedded Systems](#), October 15, 2004.