Events

- **LiSHA Weekly Colloquium**

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 Hartmüller 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 Giovani 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 Giovani 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 Coloquium 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 Selecção de Nós para sistemas de Localização indoor com Medicação 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 Coloquium 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 Coloquium 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.