



Call for Participation

Date: Ago 8, 2019

Time: 13:00

Place: LISHA Joinville

SES 2019 - Workshop on Smart Embedded Systems

Data is bringing new perspectives to the design of **Connected Embedded Systems**. From optimization to security, the very own data produced by such systems to operate now enable them to adapt to specific conditions. The Workshop on **Smart Embedded Systems** (SES) brings together researchers on the subject, including invited talks by [Prof. Lucas Wanner](#) (UNICAMP) and [Prof. Marco Wehrmeister](#) (UTFPR).

12:58 **Opening**

13:00 ***New Adventures in Lo-Fi***

Prof. Lucas Wanner

13:50 *Non-Intrusive Multicore Monitoring*

José Luis Conradi Hoffmann

14:10 *Sensed Data Confidence*

Roberto Scheffel

14:30 *Anomaly Detection in Multicore Systems*

Leonardo Passig Horstmann

14:50 *Application of Machine Learning to Fault Detection in AUVs*

Felipe Adachi

15:10 *Sistema de Documentação e Acompanhamento Contínuos para o Desenvolvimento de Sistemas Ciberfísicos*

Lucas Henrique Alves Feitosa

15:30 *IoT Gateway Integrity*

Mateus Lucena

15:50 **Coffee Break**

16:00 ***Applying Model-Driven Engineering in the (co-)Design of Real-Time Embedded Systems***

Prof. Marco Wehrmeister

16:50 *Fusão de Dados Inerciais*

Victor Wilvert

17:10 *Sensores para Previsão de Geração de Energia Fotovoltaica*

Angelo Abdallah Pelisson

17:30 *Geração de Energia Termoelétrica em Microsatélites*

Thiago Martins

17:50 ***Computação biológica***

Prof. Rafael Cancian

18:20 **Closing**

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