MARCELO DANIEL BEREJUCK

Profession

- Currently works as Development Engineer, Specialist level at Intelbras S.A. company
- Professor of Electrical Engineering at the University of Southern Santa Catarina (UNISUL) - licensed
- PhD student at Engineering of Automation and Systems at the Federal University of Santa Catarina (UFSC)
- Weekly schedule: on demand

Formal education

- (2010 - Current) Doctorate in Engineering at Federal University of Santa Catarina, UFSC, Florianopólis, Brazil
- (2007 - 2009) Master's in Computer Science at University of Vale do Itajaí, UNIVALI, Itajaí, Brazil
- (2001 - 2002) Specialization in Digital Signals Processing for Telecommunications at Federal University of Santa Catarina, UFSC, Florianópolis, Brazil

Research Activities

Research Topics

- Reconfigurable Computing
- Digital signal processing applied on Telecommunications
- Network-on-Chip solutions

Publications

- BEREJUCK, Marcelo D.; ZEFERINO, Cesar A. **Analysis of the Cost of Implementation Techniques for QoS on a Network-on-Chip**. In: SOUTH SYMPOSIUM ON MICROELECTRONICS, 24., Pelotas, 2009. Proceedings... 2009.

- BEREJUCK, Marcelo D.; ZEFERINO, Cesar A. **Adding Mechanisms for QoS to a Network-on-Chip**. In: SYMPOSIUM ON INTEGRATED CIRCUITS AND SYSTEM DESIGN, 22., Natal, 2009. Proceedings... 2009.

Academic Advisory

Academic Advisory - concluded

- Kelly Cristini Gesser. **Verification system based on RGB colors for CCTV cameras using FPGA**. 2011. Course (Electrical Engineering) - University of Southern of Santa Catarina.

- Higor Rachadel/Jorge. **Implementation of a multirate filter using the IIR approach for FPGA use**. 2010. Course (Electrical Engineering) - University of Southern of Santa Catarina.

- Douglas Rossi de Melo. **Development of an application with quality of services requirements for a integrated circuit based on Network-on-Chip**. 2008. Course (Computer Engineering) - Vale do Itajaí University.

Academic Advisory - current

- Guilherme Schmitt da Silva. **Movement detection on automatized the tests of CFTV cameras**. 2011. Course (Electrical Engineering) - University of Southern of Santa Catarina.