

BELAS

8th Biannual European - Latin American Summer School on Design, Test and Reliability

June 20-22, 2018, Tallinn, Estonia

<http://tallinn2018.belas-event.org/>

Tallinn 2013 • Fortaleza 2014 • Frankfurt-Oder 2014 • Guadalajara 2015 • Turin 2016 • Rotterdam 2017 • Sao Paulo 2018 • Tallinn 2018

Call for Participation. We do not want to miss a single summer! BELAS is organized twice a year during the summers in the Northern and Southern Hemispheres. Distinguished speakers from Latin America and Europe will share their knowledge with PhD students, engineers and researchers. Participants are invited to present their research at the PhD Forum. This time we will celebrate the 5th anniversary of BELAS!



Committees

General Chair:

Maksim Jenihhin – Tallinn UT, Estonia

Program Chair:

Jaan Raik – Tallinn UT, Estonia

Program Committee:

Maksim Jenihhin – Tallinn UT, EE (EU Co-Chair)

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Georgios Selimis – Intrinsic ID, Netherlands

Milos Krstic – IHP, Germany

José Lipovetzky – Instituto Balseiro, Argentina

Dan Alexandrescu – iROC, France

PhD Forum

The forum poster session is an opportunity for the attending PhD students to discuss their research with the speakers and other participants. Abstract submission deadline is June 4, 2018.

Technical Program

Raoul Velazco, *TIMA Laboratory, France*, Effects of radiation in integrated circuits: origins, mitigation techniques, tests and real-life experiments

Maria K. Michael, *Uni. Cyprus, Cyprus*, Resilient Multicore Systems using Software-Based Self-Test

Victor Champac, *INAOE, Puebla, Mexico*, Design & Test Challenges in FinFET Based Circuits

Anton Klotz, *Cadence Design Systems, Germany*, 10 years Cadence Academic Network, an example of successful industry-academia partnership

Artur Jutman, *Testonica Lab, Estonia*, On-Chip Health Monitoring and Fault Management for Self-Health-Aware SoCs

Fabian Vargas, *PUCRS, Brazil*, Combined Effects of Ionizing Radiation and Electromagnetic Interference

Maximilien Glorieux, *iROC, France*, Transient Faults Analysis Management for High-Reliability Applications

Paolo Rech, *UFRGS, Brazil*, Guidelines for the Radiation Test of Electronic Devices and Systems

Zainalabedin Navabi, *Uni. Tehran, Iran / WPI, USA*, System Level Design Space Exploration for Reliability and Efficiency in Design of Abstract Communications

Maarja Kruusmaa, *Tallinn UT, Estonia*, (Soft-skills training)
Ethical Writing: A Crash Course for PhDs

Registration (by May 19, 2018)

Projects-supported, no registration fees. The number of seats is strictly limited and early registration is advised to ensure your participation (first-come, first-served). The event venue and recommended accommodation is Tallink Spa & Conference Hotel, Tallinn.

See you in Tallinn!



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Background images by Anu Wintchalek.