CALL FOR PAPERS

LATS2020

21st IEEE Latin-American Test Symposium

Jatiúca (Maceió), Brazil, 30th March - 2nd April 2020

www.lats.tttc-events.org

21st IEEE Latin-American Test Symposium

Jatiúca (Maceió), Brazil, 30th March - 2nd April 2020

LATS2020

CALL FOR PAPERS

The IEEE Latin-American Test Symposium (LATS) is a recognized test and fault tolerance techniques forum attended by professionals from all over the world, in particular from Latin-America, to present and discuss various aspects of system, board, and component testing as well as design, manufacturing and in-field considerations with fault tolerance in mind. All presented papers will be submitted to IEEE Xplore Digital Library and the best papers of its 21st edition will be invited to re-submit to IEEE Design&Test, Journal of Electronic Testing: Theory and Applications (JETTA - Springer), Journal of Low Power Electronics (JOLPE - American Scientific Publishers), and IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems (TCAD).

Topics of interest include but are not limited to

- Analog Mixed Signal Test
- Automatic Test Generation
- Built-In Self-Test
- Defect-Based Test
- Design and Synthesis for Testability
- Design for Electromagnetic Compatibility
- Design for Reliable Embedded Software
- Design Verification / Validation
- Economics of Test
- Fault Analysis and Diagnosis
- Fault Modeling and Simulation
- Fault-Tolerance in HW/SW
- Fault-Tolerant Architectures
- Memory Test and Repair
- On-Line Testing
- Process Control & Measurements
- Radiation / Electromagnetic Interference
- Hardening Techniques
- Software Fault-Tolerance
- Software On-Line Testing
- System-on-Chip Test
- Test Resource Partitioning
- Yield Optimization
- Hardware Security

Paper Submission Information

To encourage and facilitate discussions, participation will be limited. Those interested in presenting recent results at the symposium are invited to submit an extended abstract, one to three pages long, or a full length paper. PDF electronic submissions must be done via the symposium's webpage: www.lats.tttc-events.org

Authors should send papers in the IEEE format. Detailed instructions are available at the symposium's webpage. The Program Committee also welcomes proposals for panels and special sessions.

For additional information, please contact our Program Co-Chairs:

Victor Champac – INAOE, Mexico
champac@inaoep.mx

Tiago Balen, UFRGS, Brazil
tiago.balen@ufrgs.br

Submission (Title&Abstract and Full paper): December 1st, 2019
Notification of Acceptance: January 15th, 2020
Camera Ready: January 29th, 2020.

Maceió is the capital and largest city of the coastal state of Alagoas, Brazil. The name is indigenous for "spring". The cuisine in the area is amazing and lovers of good food will enjoy seafood, Italian cuisine, hamburgers, tapioca, couscous, and lots of other typical dishes. Jatiúca is one of Maceió's prime neighborhoods and shops for all tastes are easily found on the main avenues or inside a nearby mall.
The Jatiúca Beach is a great choice for your sea bathing, resting in the sand, surfing and walking along the waterfront. The landscape and the cosy climate inspire to enjoy your days. In addition to the relaxing ambience, Jatiúca offers a great structure: kiosks, bars, restaurants, ice cream parlors and cafes are what is not lacking here.

Technical Sponsors:

The Institute of Electrical and Electronics Engineering, Inc.

tttc Test Technology Technical Council

Organized by:

PUCRS, Brazil

Financial Sponsor:

CEDA IEEE Council on Electronic Design Automation

General Co-Chairs:
Letícia Maria Bolzani Poehls – PUCRS, Brazil
leticia@poehls.com

Yervant Zorian – SYNOPSYS, USA
yervant.zorian@synopsys.com

Past General Chair:
Raoul Velazco - TIMA, France

Vice General Chair:
Roberto Gomez - University of Sonora, Mexico

Program Co-Chairs:
Victor Champac – INAOE, Mexico
Tiago Balen - UFRGS, Brazil

Vice Program Co-Chairs:
Pablo Ferreyra - University of Cordoba, Argentina
Felipe Restrepo - Nat. Univ. of Colombia, Colombia

Special Session Co-Chairs:
Fabian Vargas - PUCRS, Brazil
Matteo Sonza Reorda - POLITO, Italy

Publication Chairs:
Ernesto Sanchez Sanchez - POLITO, Italy

Industry Liason:
Marcelo Lubazewski - UFRGS, Brazil
Victor Grimblatt - Synopsys, Chile

European Liason:
Hans-Joachim Wunderlich - Univ. Stuttgart, Germany

Asian Liason
Stefan Holst - Kyushu Institute of Technology, Japan

Fotos from Jatuica and surroundings :

The city of Maceió

Palm trees at Gunga Beach

Rock formations at Gunga Beach

Steering Committee:
Victor Champac - INAOE, Mexico
Marcelo Lubazewski - UFRGS, Brazil
Fabian Vargas - PUCRS, Brazil
Raoul Velazco - TIMA, France
Yervant Zorian - Synopsys, USA
Tiago Balen - UFRGS, Brazil
Leticia M. Bolzani Pöhls - PUCRS, Brazil
Matteo Sonza Reorda - Politecnico di Torino, Italy