



XXXVII Brazilian Symposium on Communications and Signal Processing

Communication, Learning and Cooperation between Machines, Objects and Humans

SBrT 19

The Brazilian Symposium on Telecommunications and Signal Processing is organized by the Brazilian Telecommunications Society (SBrT) annually and has become a reference forum for professionals in the sector. In its edition number XXXVII, we will visit Petrópolis, in the state of Rio de Janeiro. Petrópolis is more than 800 meters above sea level and at 68 km from the city of Rio de Janeiro, offering a mild climate; its historic buildings, vegetation, geography, and breweries are some of its tourist attractions.

Submission of Papers

Authors are invited to submit their technical contributions in Portuguese or in English in papers of no more than five (5) pages, including figures, tables, and references. In addition to full technical articles, we invite undergraduate students to submit results of their Scientific Initiation projects in short papers of no more than two (2) pages. Contributions will be reviewed by the program technical committee. Submission instructions, submission formats and other important information are available at www.sbrt.org.br/sbrt2019.

Conference Topics

Telecommunications

Applied Electromagnetism
Antennas, Propagation and Microwaves
Cloud computing
Cognitive Radio
Communication Circuits and Devices
Communication for the Energy Sector
Communication Services and Systems
Computer Networks
Cryptography and Security
Education of Telecommunications
Information Theory and Coding
Internet of Things
Optical Networks and Communication Systems
Optoelectronics and Photonics
Wireless Communications and Networking
Satellite Communications
Sensor Networks
Stochastic Geometry for Wireless Networks
Theory of Communications
Ultra-Reliable Low Latency Communications
Other Areas in Telecommunications

Signal Processing

Adaptive Filters
Audio and Speech Signal Processing
Big Data Signal Processing
Biomedical Signal and Image Processing
Compressive Sampling and Sparse Representations
Design and Implementation of Systems
Education of Signal and Related Processing
Forensic Science and Surveillance Signal Processing
Geophysics and Remote Sensing Signal Processing
Graph Signal Processing
Image and Video Processing
Machine Learning
Signal Processing for Smart Grids
Signal Processing in Mechanical Systems
Signal Processing Theory and Methods
Other Areas in Signal and Image Processing

Call for Short Courses

We invite those interested in offering short courses on topics related to the symposium to present their proposals. More information is available on the SBrT website (www.sbrt.org.br/sbrt2019).

Call for Sponsors and Exhibits

The SBrT is an opportunity for suppliers and sponsors to display their products and services at the main conference in the Brazilian telecommunications and signal processing area. Please visit the conference page for more information.

Other Information

Technical and Scientific Competition: SBrT 2019 will organize a student-level scientific and technical competition. It will consist of presenting ideas and implementing public safety features using LTE technology, especially the air interface.

Demonstration section: SBrT 2019 will feature a demonstration session, whose objective is to approximate theory and practice, and mainly academia and industry. Prototypes in fields within SBrT scope are welcome.

Important Dates

Submission of articles:

March 25, 2019 to May 19, 2019

Accepted articles:

July 7, 2019

Final version:

August 04, 2019

Short courses proposal:

March 25, 2019 to April 14, 2019

Accepted short courses:

April 28, 2019

Final version:

August 18, 2019

Obs.: all up to 23:59, GMT-3

EDAS link: edas.info/N25670

Contacts:

Site: www.sbrt.org.br/sbrt2019

Email: sbrt2019@sbrt.org.br

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