



XLI BRAZILIAN SYMPOSIUM ON TELECOMMUNICATIONS AND SIGNAL PROCESSING

OCTOBER 08-11, 2023 - SÃO JOSÉ DOS CAMPOS - SP

CALL FOR PAPERS

THEME

SYSTEMS BEYOND 5G (B5G): INTEGRATION BETWEEN LAND, AIR AND SPACE

PRESENTATION

Promoted annually by the Brazilian Telecommunications Society (SBRT) the Brazilian Symposium on Telecommunications and Signal Processing is widely recognized as the most important scientific forum that brings together professionals in the sector. In its 41st edition, the Symposium is organized by the Instituto Tecnológico de Aeronáutica (ITA) and will be held at the Parque Tecnológico São José dos Campos, from October 8 to 11, 2023. Being recognized as a hub of the aerospace industry, the city of São José dos Campos, SP, receives the Symposium with the theme: "Systems beyond 5G (B5G): Integration between land, air and space". We invite authors to submit original contributions covering one or more of the following topics, but not necessarily limited to these:

- Antennas, Propagation and Microwave
- Machine Learning in Communications
- Optical Communications and Networks, Optoelectronics and Photonics
- Communications and Wireless Networks
- Ultra-Reliable, Low Latency Communications
- Satellite Communications
- Powerline Communications
- Communications Education
- Applied Electromagnetism
- Internet of Things
- Design and Implementation of Telecommunications Devices
- Cognitive Radio
- Computer and Sensor Networks
- 5G, B5G and 6G networks
- Cyber Security
- Communications Services and Systems
- Information Theory and Coding
- Communications Theory
- Compressive Sampling and Sensing
- Machine Learning in Signal Processing
- Forensic Science, Cryptography and Security
- Data Science
- Design and Implementation of Digital Signal Processing Systems
- Signal Processing Education
- Audio and Speech Processing
- Image and Video Processing
- Biomedical Signal and Image Processing
- Signal Processing in Smart Grids
- Signal Processing in Graphs
- Signal Processing in Power Systems
- Signal Processing in Mechanical Systems
- Signal Processing for Navigation and Localization
- Signal Processing for Remote Sensing and Geophysics
- Adaptive, Multi-Channel, and Sensor Array Signal Processing
- Sparse Representations

GENERAL COORDINATION

Renato Machado
Dimas Irion Alves

TECHNICAL COORDINATION

Marcelo Gomes da Silva Bruno
Marcelo da Silva Pinho
Leonardo Tomazeli Duarte

GUIDELINES AND SPECIFICATIONS:

- **Articles:** can be submitted in Portuguese or English, in PDF format. They can be Full Papers (presented in oral session and should not exceed 5 pages) or Undergraduate Research Papers (presented in poster session and should not exceed 2 pages).
- **Minicourses:** Proposals for 3-hour mini-courses to be given on October 8, 2023 are welcome. Proposals should be sent via e-mail (sbirt2023-tpc@sbirt.org.br), in free format, and should include.

IMPORTANT DATES

Final Deadline

Manuscript Submission: 28/04/2023	11/06/2023
Accepted Manuscript: 09/07/2023	23/07/2023
Final Version of Manuscript: 30/07/2023	13/08/2023
Minicourse Proposal: 28/05/2023	18/06/2023
Acceptance of Minicourses: 18/07/2023	01/08/2023
Final Version of Minicourses: 30/07/2023	13/08/2023

SUBMISSION

SITE SBRT 2023

REALIZATION:



ORGANIZING:

