The PhD Research in Microelectronics and Electronics Conference in Latin America (PRIME-LA) is a conference where PhD students and post-docs with less than one-year post-PhD experience can present their research results and network with experts from industry, academia, and research.

PRIME-LA opens a forum for doctoral students and postdocs working in the fields of microelectronics and electronics in general to present their research work in front of a savvy and critical audience, to help them garner insight and depth to further and expand their work. Moreover, through this exposure terminal students can broker research opportunities with other well-established research groups and institutions.

The fifth edition will take place in Puerto Varas, Chile. Puerto Varas is a city in Chile’s Lake District about 1,000 km south from Santiago (1:45hr by flight). It sits on the southwest banks of the expansive Lake Llanquihue, which offers commanding views of snow-capped Osorno Volcano and Calbuco Volcano, both still active. Cerro Tronador an extinct stratovolcano is also clearly visible from the lakefront. The city also known as “the city of roses” is famous for its German traditions and its natural environment. It enjoys a scenic location close to mountains, lakes, forests, and national parks. Puerto Varas is the southernmost of a string of towns on the western shore of Llanquihue Lake that includes Frutillar, Llanquihue and Puerto Octay.

PRIME-LA 2021 is technically co-sponsored by IEEE CASS and all accepted papers will be submitted for inclusion to IEEE Xplore. Papers must not exceed four pages in length and must be written using the IEEE template.

The main objectives of PRIME-LA are:
- To encourage favorable exposure to Ph.D. students in the early stages of their careers.
- To benchmark Ph.D. research in a friendly and cooperative environment.
- To enable sharing of student and supervisor experiences of scientific and engineering research.
- To connect Ph.D. students and their supervisors with companies and research centers.

The Conference will cover technical novelties and tutorial overviews on circuits and systems topics, including but not limited to:
- Analog, Digital and Mixed-Mode Circuits
- Biomedical Electronics
- Communications/RF Circuits
- Wireless Sensor Networks
- Nanoelectronics
- Electronic Design Automation
- VLSI Systems and Applications
- FPGA Design and Applications
- Circuit Testing
- Fault-Tolerant Circuits

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Call for papers
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Paper Submission:
November 12, 2021
Notification of acceptance:
November 25, 2021
Camera-ready papers:
December 10, 2021