

LADC 2019 – CALL FOR PAPER
<https://ladc2019.imd.ufrn.br/>
Natal, Brazil - November 19-21, 2019

LADC is the Latin-American event oriented to disseminate computer system dependability and security research advances. This year, **LADC 2019** will be held in conjunction with the *IX Brazilian Symposium on Computing Systems Engineering* in **Natal, Brazil** from the **19th to the 21st of November 2019**. The LADC symposium scope includes all the aspects of both dependability and security, as well as research on the technological challenges that they entail for the design, verification and validation and maintenance of systems, software, and hardware.

The main track at LADC 2019 will comprise original, unpublished research papers in three categories: (1) full research (regular) papers, (2) practical experience reports, and (3) short papers. LADC looks for works exploring new territories, continuing a significant research, or reflecting on practical experience. Full research papers should explore technology problems and propose a complete solution with results. Practical experience reports are expected to provide an in-depth exposition of practitioner experiences and empirical studies. Short papers should present preliminary research work (position papers), or a prototype/tool description, outlining the architecture, implementation and usage of substantive operational systems or tools for the research and practice of dependable and secure systems. Papers will be assessed with criteria appropriate to each category.

Topics

Authors are invited to submit original contributions on all aspects of research and practice on creating, validating, deploying, and maintaining dependable and secure systems.

Major topics include, but are not limited to:

- Fault tolerant hardware architectures, multi-core systems, virtualization, nanoscale computers, hardware dependability assessment.
- Fault-tolerant distributed algorithms and distributed systems.
- Blockchains
- Dependability of networks (LAN, WAN, mobile, ad-hoc, sensor networks, protocols, SDN).
- Dependability of software architectures, runtime monitoring, adaptation, model-driven engineering for the design of dependable and secure systems, testing, verification & validation.
- Dependability and security in the era of Big Data.
- Dependability and security of cyber-physical systems and systems of systems, communication networks and protocols, data storage and databases.

TPC Members

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