



# Call for Papers - CLEI 2025

The **Latin American Informatics Conference (CLEI 2025)** invites the academic and professional community to submit original papers reporting theoretical and/or practical results that advance the state of the art in Computer Science and Informatics or present applications relevant to industry and society. CLEI 2025 will take place in Valparaíso, Chile, **from October 27 to November 1, 2025**. Additionally, it will be held jointly with the Chilean Conference on Computing (JCC2025) and IEEE ChileCon 2025.

## Important Dates:

- **Submission deadline:** [May 18, 2025](#)
- **Notification of acceptance:** [July 6, 2025](#)
- **Camera-ready submission:** [August 10, 2025](#)

The articles should be submitted in PDF format, adhering to the IEEE template available at: [IEEE Conference Templates](#). The presentations of accepted papers will take place during the thematic sessions of the conference. The best papers will be invited to submit an extended version to indexed journals associated with the event.

## Tracks and Topics:

**Software Systems** - Includes (but is not limited to): Software Engineering, Software Analysis and Testing, Quality, Maintenance and Evolution of Systems, Mining and Analysis of Code Repositories, Software Engineering for Artificial Intelligence, Computing Theory, Human Aspects of Software Engineering.

**Intelligent Systems** - Focused on computer systems that emulate or enhance human cognitive abilities, including (but not limited to): Data Science, Big Data, Operations Research, and the following aspects of Artificial Intelligence: AI and Natural Language Processing, AI and Knowledge Representation, Formal Reasoning in AI, AI and Ethics, Bias in AI Algorithms, Explainable AI, Human-in-the-loop AI, AI in Healthcare, AI in Biology and Chemistry, AI in Autonomous Vehicles, AI in Finance, AI in Education, AI and Climate Change, AI in Cybersecurity, AI Regulation and Governance, AI in Entertainment, AI and Operations Research, AI and Industry 4.0, AI and Simulation.

**Systems in Practice** - Focused on computer systems deployed in productive or social environments, including (but not limited to): Human-Computer Interaction, High-Performance Computing, Bioinformatics and Chemoinformatics, and Applications in Industry/Government/Society.

**Computer Technologies** - Specialized technologies not covered in other tracks, such as: IoT, Blockchain, Cloud/Edge Computing, High-Performance Computing, Fault Tolerance, Communication Networks, Cybersecurity, Virtual/Augmented Reality, Digital Ecosystems, Integrability, Innovation in Digital Ecosystems, Industry 4.0, etc.

**Computer Science Education** - Includes (but is not limited to): Interdisciplinary Factors in Computer Science and Informatics Education, Introductory Course Education, Didactics of Informatics, Issues and Their Approaches, Teaching-Learning Tools and Experiences, University-Industry Partnership Models, Human Aspects in Education.

## **Submission Formats:**

*Full Papers:* Self-contained works with a maximum length of 10 pages.

*Work-in-Progress Papers:* Ongoing work, with a maximum length of 4 pages.

*"Journal First" Papers:* Papers published between 2023 and 2025 in an indexed journal, on topics relevant to CLEI 2025.

Papers must be written in Spanish, Portuguese, or English.

## **Associated Events:**

[Latin American Master's Thesis Competition \(CLTM\)](#) - Submitted theses must have been defended between April 1, 2024 and March 31, 2025 (strict period), be approved at the time of submission, and have been conducted at CLEI member institutions. The three best theses will be awarded, based on the evaluation by the program committee and the CLTM chairs. Thesis work is individual and, therefore, does not admit co-authorship. Co-authored abstracts will not be considered.

[Latin American PhD Thesis Competition \(CLTD\)](#) - Submitted theses must have been defended between April 1, 2024, and March 31, 2025 (strict period), be approved at the time of submission, and have been conducted at CLEI member institutions. The three best theses will be awarded, based on the evaluation by the program committee and the CLTD chairs. Thesis work is individual and, therefore, does not admit co-authorship. Co-authored abstracts will not be considered.

[Congress of Latin American Women in Computing \(LAWCC\)](#) - The main objective of LAWCC is to highlight the research, interests, and achievements of women in various computing fields, with the intention of encouraging more women's active participation in the technology sector. The presented papers aim to showcase the challenges that women face in STEM (Science, Technology, Engineering, and Mathematics), ICT (Information and Communication Technologies), teaching, and in the labor and research fields. Papers should address recurring gender-related issues and their interaction with society in this context.

[Latin American Workshop on Quantum Software Engineering \(TLISC\)](#) - As quantum computing evolves and becomes applicable, the need for systematic, disciplined, and quantifiable approaches to the development, operation, and maintenance of quantum software (and the classical software it integrates with) grows. Much of what we have learned from decades of research, innovation, and development in Software Engineering is applicable to this new quantum-classical hybrid reality. However, this new context presents questions, challenges, and opportunities; identifying, characterizing, and addressing them is the focus of Quantum Software Engineering. This workshop aims to be a discussion forum, with special interest in mobilizing the Latin American community, on how to produce quantum software considering the lessons learned from classical software engineering, showcasing novel approaches.

[Latin American School of Informatics \(ELI\)](#) - The Latin American School of Informatics provides courses of interest to undergraduate, graduate students, and professionals using hybrid platforms. The course proposal process within ELI is similar to paper submission at the conference, meaning they are evaluated by an academic committee that will select a set of courses for the 2025 edition. ELI's planned topics cover all areas of computer science and engineering.

[Latin American Symposium on Dependable and Secure Computing \(LADC\)](#) - This symposium is the main event on system dependability and secure computing in Latin America. Now in its 14th edition, it is promoted by the Special Committee on Fault-Tolerant Systems (CE-TF) of the Brazilian Computer Society (SBC). It will

feature technical sessions, workshops, tutorials, fast abstracts, keynote talks by international experts in the field, and an industrial segment. The symposium covers recent research on software and system dependability. For more information, visit the LADC website: <https://ladc.sbc.org.br/2025>

## ***Parallel Events***

**Chilean Conference on Computing (JCC 2025)** - The Chilean Conference on Computing (JCC) is the most important scientific event organized in Chile in the field of Computer Science and Informatics. This event has been held uninterruptedly since 1993, being jointly organized by the Chilean Computer Science Society and one of the Chilean universities, including Universidad de Chile, Pontificia Universidad Católica, Universidad de Santiago, Universidad Austral de Chile, Universidad de Concepción, Universidad de Talca, Universidad Técnica Federico Santa María, Universidad Católica del Norte, Universidad Arturo Prat, Universidad de Tarapacá, Universidad de La Serena, Universidad San Sebastián, Universidad Católica de la Santísima Concepción. In this edition, JCC 2025 will take place at the Pontificia Universidad Católica de Valparaíso (PUCV).

**IEEE ChileCon 2025** - The IEEE CHILECON conference involves technical activities organized by the Chilean IEEE sections and chapters, held in Chile every two years. The conference aims to promote the advancement of theory, development, and applications in Electrical, Electronic, Computer, and Industrial Engineering, continuous education for its members and students, and cooperation and collaboration among professionals, academics, and students. Previous editions of this conference have received over 200 submissions from Chile, Latin America, and abroad, which are carefully reviewed by an international program committee. Accepted papers presented at the conference are published in IEEE Xplore and submitted to Scopus for indexing.