

# Proceedings LAWCC 2025

## XVII Congress of Latin American Women in Computing 2025

Proceedings of the XVII Congress of Latin American Women in Computing 2025 (LAWCC 2025)

co-located with LI Latin American Computing Conference (CLEI 2025)

Valparaíso, Chile, October 27-31, 2025.

### Edited by

Ana Lidia Franzoni <sup>1</sup>

Leslie Pérez Cáceres <sup>2</sup>

Silvana Roncagliolo de la Horra <sup>3</sup>

<sup>1</sup> Instituto Tecnológico Autónomo de México, México

<sup>2</sup> Pontificia Universidad Católica de Valparaíso, Escuela de Ingeniería Informática, Valparaíso, Chile

<sup>3</sup> Pontificia Universidad Católica de Valparaíso, Escuela de Ingeniería Informática, Valparaíso, Chile

## **PREFACE**

The XVII Latin American Women in Computing Congress (XVII LAWCC) was organized within the LI Latin American Computing Conference (CLEI 2025). LAWCC 2025 was held from October 27 to 31, 2025, at Valparaíso, Chile. Its main objective is to highlight women's research, interests, and achievements in various computing areas to encourage more women's participation in technology. Tomorrow's jobs are professional careers in Science, Technology, Engineering, and Mathematics (STEM), and those are careers where women have been historically underrepresented. In STEM jobs with higher incomes, the lowest percentages are women workers. Therefore, this space seeks to foster sustainable development, drive innovation, social welfare, and inclusive growth with more women in STEM. The LAWCC's research work identified the challenges of women in STEM, Information and Telecommunications Technology (ICT), teaching, the workplace, and research. Simultaneously, those works addressed recurrent issues related to gender and interaction with society.

### **Topics of Interest**

- Analysis of the activity and participation of women in STEM (Sciences, Technology, Engineering and Mathematics) and ICT (Information and Communication Technologies) in general.
- Contributions of women from STEM / ICT areas in responding to the pandemic.
- Female participation in scientific and technological events (hackathons, science clubs, etc.).
- Inclusive software development (games, apps and others) with a strong participation of women.
- Initiatives to promote gender equity in STEM / ICT.
- Experiences of women's groups / communities in STEM / ICT areas.
- Gender and Human-Computer Interaction.
- Female leadership models and ICT.
- Gender specificities in the development and implementation of ICT.
- Gender specificities in the teaching of STEM / ICT, at the 5 levels: initial, preschool, basic / primary, middle and higher education.
- Participation of women in decision-making at the national and international level in relation to the use of ICT.
- Public policies around Women and ICT.
- Initiatives to awaken vocations in STEM/ICT in adolescent girls and women and increase female participation in this type of careers.

The current edition, LAWCC 2025 had 25 submissions, from which 18 full papers were accepted. These papers have involved authors from Argentina, Brazil, Chile, Costa Rica, El Salvador, Paraguay, and Uruguay.

## Program Chairs

Ana Lidia Franzoni (Instituto Tecnológico Autónomo de México, México)

Leslie Pérez Cáceres (Pontificia Universidad Católica de Valparaíso, Chile)

Silvana Roncagliolo de la Horra (Pontificia Universidad Católica de Valparaíso, Chile)

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