Proceedings LAWCC 2024

XVI Congress of Latin American Women in Computing 2024

Proceedings of the XVI Congress of Latin American Women in Computing 2024 (LAWCC 2024)

co-located with L Latin American Computing Conference (CLEI 2024)

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Edited by

Silvana Roncagliolo de la Horra [1]

Laura A. Cecchi [2]

Rocío Cecchini [3]

Verónica Gil-Costa [4]

[1] Pontificia Universidad Católica de Valparaíso , Escuela de Ingeniería Informática, Valparaíso, Chile

[2] Universidad Nacional del Comahue , Facultad de Informática, Neuquén, Argentina

[3] Universidad Nacional del Sur, Departamento de Ciencias e Ingeniería de la Computación , Bahía Blanca, Argentina

[4] Universidad Nacional de San Luis, FCFMyN , San Luis, Argentina

PREFACE

The XVI Latin American Women in Computing Congress (XVI LAWCC) was organized within the L Latin American Computing Conference (CLEI 2024). LAWCC2024 was held on August 14th, at Bahía Blanca, Argentina. 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 2024 had 17 submissions, from which 10 full papers were accepted. These papers have involved 33 authors from Argentina, Brazil, Canada, Chile, Costa Rica, Ecuador, El Salvador, Panama, Paraguay, Peru and Spain.

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