




PROCEEDING

**12th LATIN AMERICAN CONFERENCE ON
HUMAN-COMPUTER INTERACTION
(CLIHC 2026)**

CLIHC 2026 GENERAL CHAIRS

Jean Clemisson Santos Rosa (UNINASSAU)

Gilton José Ferreira da Silva (UFS)



**Proceedings of the 12th Latin American
Conference on Human-Computer Interaction
(CLIHC 2026)**

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About the 12th Latin American Conference on Human-Computer Interaction (CLIHC 2026)

The Latin American Conference on Human-Computer Interaction (CLIHC) is a biennial scientific event promoted by the Latin American HCI Community (LAIHC). The conference fosters a stimulating environment for debate, where faculty, students, researchers, and professionals can reflect upon, analyze, and evaluate the multifaceted aspects of interaction with computational artifacts. This environment is built on the values of democratic participation, the open dissemination of knowledge, and a deep respect for diversity in its broadest sense. In 2026, CLIHC was held in a distributed format, featuring two in-person satellite events that reflected the richness and plurality of our community:

- **In Aracaju, Sergipe, Brazil**, under the leadership of Dr. Jean Clemisson Santos Rosa and Dr. Gilton José Ferreira da Silva.
- **In Oaxaca City, Oaxaca, Mexico**, under the leadership of Mtro. Carlos Alberto Martínez Sandoval and Dr. Mario Alberto Moreno Rocha.

Each venue had its own local team and a program specifically designed for its context. While some tracks were shared between both locations, others were independently defined, allowing participants to engage in and enjoy the unique offerings of each event. To ensure effective integration and a coherent, inclusive experience at CLIHC 2026, a General Articulation Committee was established, working closely with the local coordination teams. This committee was facilitated by Dr. Soraia Silva Prietch and Dr. Pedro Reynolds-Cuéllar.

Bringing together hundreds of individuals involved in Human-Computer Interaction, CLIHC 2026 strengthened the historical legacy of events promoted by LAIHC, offering opportunities for professional growth and the exchange of experiences. The event successfully promoted the dissemination of knowledge and practices in HCI research, design, and evaluation, continuing its tradition of shaping the discussions and development of the field in Latin America.

The CLIHC 2026 General Chairs and Organizing Committee





Preface

We are pleased to present the **proceedings of the 12th Latin American Conference on Human-Computer Interaction (CLIHC 2026)**. This volume brings together the scholarly contributions, reflections, and design-oriented research presented as part of this edition of the conference. As a record of the work shared at CLIHC 2026, the proceedings capture the richness of current Human-Computer Interaction research in Latin America and its growing connections with global conversations on technology, society, and human experience.

The contributions included in this volume reflect the diversity and maturity of the HCI field in the region. They address a broad range of topics, including accessibility, education, health and well-being, interaction design, participatory and community-based methods, emerging technologies, social computing, sustainability, inclusion, and culturally situated approaches to design. Together, these works demonstrate the importance of developing interactive systems that are not only functional and innovative, but also ethical, inclusive, locally meaningful, and responsive to the needs of diverse communities.

We would like to express our sincere gratitude to all authors who submitted their work to CLIHC 2026. Their research, creativity, and commitment are the foundation of this conference. We are also deeply thankful to the members of the Technical Program Committee, track chairs, reviewers, and organizing teams, whose careful work and dedication ensured the quality of the scientific program. We also acknowledge the support of LAIHC, the Brazilian Computer Society, the host institutions, sponsors, and supporting organizations that made CLIHC 2026 possible.

Finally, we hope that these proceedings will serve not only as a record of the work presented at CLIHC 2026, but also as an invitation to continue strengthening HCI research, practice, and education in Latin America. May this collection inspire new collaborations, critical discussions, and future initiatives that advance more inclusive, ethical, and meaningful interactions between people and technology.

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