
1st International Symposium on Science Education, Complexity and CHAT (1st ISSECC)
and

4th Meeting of the Research Group in Science and Complexity Education (4th EECCo)
Bridging and expanding theory and practice

November 25-28, 2025

Institute of Physics of the University of São Paulo – São Paulo, Brazil

First Circular

The Research Group on Science and Complexity Education (ECCo) celebrates its 20 years of existence and contributions to the advancement of research in Science Education, Complexity Studies, and Cultural-Historical Activity Theory (CHAT). Founded in 2005 at the Institute of Physics of the University of São Paulo (IFUSP), ECCo has consolidated itself as an academic community for constructing knowledge and developing critical and socially engaged educational practices anchored in solid theoretical and methodological references.

To commemorate this milestone, we are honored to announce the **1st International Symposium on Science Education, Complexity and CHAT (1st ISSECC)** and the **4th Meeting of the Research Group in Science and Complexity Education (4th EECCo)**. The joint event will be held at the Institute of Physics of the University of São Paulo (São Paulo, Brazil) between **November 25 and 28, 2025**, and will bring together researchers, educators, and students from Brazil and abroad.

The central theme of the symposium, "**Bridging and expanding theory and practice**," reflects our commitment to fostering a dialogue between theoretical development and didactic practice in Science Education. Our goal is to explore CHAT as a vigorous framework for addressing contemporary educational challenges, such as combating scientific misinformation, promoting critical science literacy, and building socially and equitably meaningful learning environments.

Over four days, the symposium will feature conferences by renowned international researchers, thematic sessions of oral communications, and poster presentation sessions. Participants will have the opportunity to engage in theoretical discussions, share empirical research results, and reflect on practical strategies for enhancing science education in diverse educational contexts.

The event seeks, in particular:

- To deepen discussions on the contemporary developments of CHAT in Science education;
- To encourage critical reflections on the intersections between science, society, and culture;
- Strengthen collaboration between researchers at different career stages;
- Support science teachers' initial and continuing training by providing innovative theoretical and methodological tools.

By creating a space for the convergence of diverse perspectives, we hope to stimulate new research networks and foster a generation of educators and researchers capable of reimagining science education in the 21st century. The participation of undergraduate and graduate students, young researchers, experienced academics, and basic education teachers is strongly encouraged.

Soon, the official website with event participation information will be available.

We look forward to welcoming you to São Paulo for an inspiring and transformative academic event.

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