

Introduction to the Proceedings of the ISCSET 2023

The 12th International Symposium on Computer Science, Computer Engineering and Educational Technologies (ISCSET 2023) is published in a special issue of the Embedded Self-Organizing Systems journal of the Chemnitz University of Technology for the second time.

In a significant first, ISCSET 2023 utilized the EasyChair conference management platform for paper submissions. Each submission underwent thorough review by three esteemed professors and researchers from our partner universities, resulting in 27 submissions with an acceptance rate of 62%.

But ISCSET 2023 was more than just papers; it was a dynamic symposium that featured engaging keynote presentations, thought-provoking talks by invited speakers as well as lively paper presentations. We had participants from 18 countries: Germany, Mongolia, China, France, Jordan, Algeria, Japan, Kazakhstan, Uzbekistan, Bangladesh, India, Iraq, Turkey, Afghanistan, Iran, Tunis, Pakistan and Syria. Thus, with ISCSET 2023 we celebrated a true global convergence of knowledge and ideas.

Our keynote speakers illuminated the event with their expertise: Prof. Dr. Ing. Hazem Wannous from the University of Lille, France, explored the fascinating realm of "Unveiling Human Behavior: Exploring Human-Centered AI through Vision Data Analysis". Prof. Dr. Thomas Koehler from TU Dresden, Germany, delved into "The Future of Teaching with AI", bridging the gap between research-driven predictions and groundbreaking teaching technologies. Last but not least, Dr. Michael Reinhardt, Head of OpenIT Studio at Siemens Healthineers, inspired us with "Co-Creating Gamification Solutions for Employees", demonstrating Design Thinking and LowCode-based rapid prototyping at Siemens Healthineers.

Our invited talks were equally enlightening: Prof. Dr. Christian Mercat from Université Claude Bernard Lyon, France, shared insights on "Colette to Foster Computational Thinking in Students", while Prof. Dr. Haibin Wu from Harbin University of Science and Technology, China, explored "Computer Vision Based on 3D Construction".

We extend our heartfelt gratitude to all the contributors, participants, and diligent reviewers who played a crucial role in making ISCSET-2023 a resounding success. Your dedication and enthusiasm have enriched our symposium and are deeply appreciated. Thank you for being an essential part of our thriving community of scholars and professionals.

And we have exciting news for the future: next year's installment will be organized as an official IEEE event in Germany. You are cordially invited to be a part of the groundbreaking IEEE ISCSET 2024. Get ready for another year of innovation, collaboration, and unforgettable experiences! Join us in shaping the future of computer science, computer engineering, and educational technologies.

The best is yet to come at IEEE ISCSET 2024. See you there!



Prof. Dr. Dr. h. c. Uranchimeg Tudevtagva

Main Chair of ISCSET 2023



Dipl.-Inf. René Bergelt

Head of Scientific Committee of ISCSET 2023

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