IEEE Education Society

IEEE
New Zealand North Section

Call for Papers

IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE) 2023: 27 Nov – 1 Dec 2023 Auckland, New Zealand.

Transformative Technologies and Pedagogies for a Knowledge Economy

Core Tracks

- Computing & IT Education
- Engineering Education
- STEM Education
- Technology-Enhanced Learning
- Open, Flexible & Distance Learning
- Work-Integrated Learning

Special Tracks

- Artificial Intelligence in Education
- Online Learning and Academic Integrity
- Problem-based Learning

Topics

Topics of interest include but are not limited to the following:

- Academic Staff/Faculty Development
- Accreditation and Quality Assurance
- Active Learning Spaces
- Artificial Intelligence in Education
- Assessment and Evaluation
- Blockchain in Education
- Capstone Projects and Project-Based Learning
- Computer-Based Learning and Courseware Technologies
- Computer-Supported Collaborative Learning
- Continuing Education and Lifelong Learning
- Curriculum Design
- Distance, Open and Flexible Education
- Educational Data Mining and Learning Analytics
- Educational Games and Simulations
- Educational Policy, Leadership and Administration
- Entrepreneurship Programs
- Ethical, Legal and Social Justice Issues (e.g., Access, Equity)
- Gender and Diversity
- Generic Skills (e.g., Communications, Teamwork)
- Human–Machine Collaborative Learning
- Industry Linkages and Partnerships
- Instructional and Learning Design
- Intelligent Tutoring Systems
- Introductory Engineering and Computing Courses
- Just-in-Time Learning and Job Performance Support
- K–12 Initiatives and Partnerships
- Laboratory Experiences (On-Campus and Remote)
- Learning Management Systems
- Learning Technology Standards and Standardization
- Marketing and Outreach for Engineering and Computing Programs
- Massive Open Online Courses (MOOCs)
- Micro-credentials and Badges
- Online/E-Learning and Blended Learning
- Open Educational Resources (OER)
- Personal Data and Security in Education
- Research Training (Undergraduate and Postgraduate)
- Robotics in Education
- Service Learning and Experiential Learning
- STE(A)M education in K-12 or higher education
- Technology Infrastructure for Supporting Next-Generation Learning (e.g., 5G, Cloud Computing, Internet of Things)
- Tools to Promote Student Ownership of Learning
- Virtual, Augmented and Mixed Reality Learning Environments
- Wearable, Mobile and Ubiquitous Learning
- Work-Based and Work-Integrated Learning

Paper Formats

All accepted and registered full, short and work-in-progress papers that are presented at TALE 2023 will be published in the conference proceedings and submitted to the IEEE Xplore digital library.

Full (6-8 pages) Paper for Oral Presentation
Short (4-6 pages) Paper for Oral Presentation
Work-in-Progress Paper (2-4 pages) for Poster Presentation

Important Dates

Paper Submission Deadline: 15 June 2023
Notification of Acceptance: 1 September 2023
Work-in-Progress Paper Submission Deadline: 1 September 2023
Notification of Work-in-Progress Paper Acceptance: 20 September 2023
Camera-ready submission: 1 October 2023
Early and authors registration: 1 October 2023
Conference: 27 Nov – 1 Dec 2023

Paper Submission

Prospective authors are invited to prepare submissions of two (2) to eight (8) A4 pages (including tables, figures and references) in standard IEEE double-column format, using the following template: [Format template from IEEE] Use of any other IEEE templates is NOT acceptable as there are subtle differences between those templates and the conference template that will affect the consistency in the appearance of papers published in the proceedings. Importantly:

- Do not change the paper size (A4) or margins in the template.
- The headers and footers must remain empty. (They should not contain page numbers or anything else.)
- Formatting of the paper must be done using the pre-defined MS-Word styles in the template, rather than manually. The paper must use all the predefined font styles, sizes etc. as per the template.
- Basic examples of citations and references are included in the template, but authors are required to fully adhere to the guidelines and instructions stipulated in the IEEE Reference Guide at https://ieeeauthorcenter.ieee.org/wp-content/uploads/IEEE-Reference-Guide.pdf. (Where are conflicts between the template and the IEEE Reference Guide, the IEEE Reference Guide prevails.)
- Please ensure that all template text (guidance text for composing and formatting conference papers) is removed from your conference paper prior to submission.

The conference will be held in a hybrid mode. Papers will be presented either in-person using a traditional paper session or online. If accepted, authors agree to commit to one of these two presentation modalities in a timely manner to facilitate conference planning. Further instructions will be provided in acceptance notifications.

Papers will be accepted only by electronic submission through the conference website, from which guidelines and templates are available. Submissions will NOT be accepted via e-mail.

A double-blind peer-review process will be used to evaluate all submitted papers. Please remove all author-related information in a submitted paper.

Publication and Indexing

All accepted and registered full, short and work-in-progress papers that are presented at TALE 2023 as well as all extended abstracts describing the non-traditional sessions presented at the conference will be published in the conference proceedings and submitted to the IEEE Xplore digital library. Content loaded into IEEE Xplore is made available by IEEE to its abstracting and indexing partners, including Elsevier (Scopus, Ei Compendex), Clarivate Analytics (CPCI—part of Web of Science) and others, for potential inclusion in their respective databases.

Contact

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For more information about the IEEE Education Society, please see https://ieee-edusociety.org