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IEEE R10 TENSYP 2027
12–14 May 2027 at the Faculty of Engineering,
University of Peradeniya, Sri Lanka

Web : <https://tensymp27.ieee.lk/>

CALL FOR TUTORIALS

Tutorial Formats	Delivery Plan	Tutorial Week	Proposal Length
Half-day 3h / Full-day 6h	4 online + 2 in-person	First week of May 2027	PDF, up to 5 pages

Invitation

IEEE TENSYP 2027 invites high-quality, practice-oriented tutorial proposals on emerging technologies aligned with the symposium theme, covering foundations, recent advances, open challenges, tools, standards, and deployment pathways for intelligent connected systems that strengthen societal resilience. Proposals are welcome from researchers, practitioners, standardization experts, industry innovators, and cross-disciplinary teams, for audiences ranging from researchers and engineers to policy-oriented participants and postgraduate students.

Theme-Aligned Tutorial Scope

Tutorials should connect technical depth with societal impact, advancing one or more goals: resilient infrastructure, trustworthy connected intelligence, disaster and climate readiness, digital health, secure connectivity, sustainable systems, inclusive technology, and capacity building across the Asia-Pacific region.

Topics of Interest

Theme-aligned areas include, but are not limited to:
Connected AI & Intelligent Decision Systems: AI/ML and data intelligence; foundation, generative, and agentic AI for engineering and public-sector use; trustworthy, explainable, human-centered AI; edge, distributed, federated, privacy-preserving learning; AI for social good, crisis response, and climate adaptation.

Future Connectivity & Networked Intelligence: 5G-Advanced, 6G, non-terrestrial networks, satellite-IoT; IoT, massive sensing, cyber-physical systems, digital twins; integrated sensing and communications, semantic communications; network automation, AI-native networking, O-RAN, cloud-native networks; low-power, affordable connectivity.

Resilient Cyber-Physical Infrastructure: smart cities, intelligent transportation, adaptive infrastructure; robotics, autonomous systems, remote operations; smart grids, microgrids, energy-aware computing; environmental sensing, disaster monitoring, early warning; digital twins for infrastructure resilience.

Security, Privacy, Safety & Governance: cybersecurity, critical-infrastructure protection, secure-by-design systems; privacy, data governance, AI safety; secure hardware, trusted sensing, resilient and fault-tolerant computing; standards, policy, ethics; misinformation resilience and digital trust.

Technology for Health, Humanity & Education: digital health, telemedicine, wearable sensing, AI-assisted care; assistive and humanitarian technologies, accessibility; technology-enhanced learning and capacity building; data-driven public services, smart agriculture, community resilience; innovation translation and entrepreneurship.

Tutorial Format and Delivery Plan

Six tutorials are planned for the first week of May 2027 (four online, two in-person), as half-day (3h) or full-day (6h). Half-day: focused deep dive with clear outcomes, examples, and demonstrations. Full-day: foundations, advanced methods, case studies, hands-on components, and open challenges. Online: interactive live discussion, demonstrations, and shared resources. In-person: demonstrations, group exercises, and networking.

Tutorial Proposal Format

Submit through EDAS as a single PDF not exceeding 5 pages. Include: title, preferred format, delivery mode, and duration; abstract, motivation, objectives, and learning outcomes; intended audience and prerequisites; a detailed outline with schedule and presenter allocation; demonstrations, hands-on components, tools, datasets, or standards; presenter names, affiliations, contacts, and bios; evidence of expertise (publications, projects, standards work, deployments); prior tutorial or training experience; and plans for participant engagement, inclusive delivery, and post-tutorial resources.

Submission Link: <https://edas.info/N35167>

Selection Criteria

All proposals are peer-reviewed, weighing: alignment with the theme; technical quality, timeliness, originality, and IEEE relevance; clarity of learning outcomes and audience suitability; balance of theory and practice; presenter expertise and diversity of perspectives; potential to attract academia, industry, and government.

Upon Acceptance

Presenters confirm commitment within 14 days of notification; titles, abstracts, and bios are published on the website; final materials are due at least 14 days before the tutorial; slides, reading lists, software, and datasets are encouraged; and all presenters follow IEEE professional conduct, inclusivity, and accessibility expectations.

Important Dates

Opening: 15 July 2026 • **Submission deadline:** 1 Sep. 2026 • **Notification:** 28 Sep. 2026 • **Commitment due:** within 14 days of notification • **Final materials:** at least 14 days before the tutorial • **Program:** first week of May 2027.

Contact

Tutorial Chair: Dr. Samiru Gayan, University of Moratuwa (samirug@uom.lk)
Tutorial Co-Chair: Dr. Sureka Thiruchittampalam, University of Moratuwa (surekat@uom.lk)
Tutorial Co-Chair: Dr. Thilini Mahanama, University of Kelaniya (thilini@kln.ac.lk)

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Contact :
Conference Secretary:
Dr. Upul Jayasinghe,
University of Peradeniya, Sri Lanka
Email: tensymp27@eng.pdn.ac.lk

Organized by



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