

The 8th IEEE World Forum on the Internet of Things (IoT)

26 October–11 November 2022 // Yokohama, Japan

Pacifico Yokohama Convention Center

Hybrid: In-Person and Virtual

Sustainability and the Internet of Things

Sponsored by the Multi-Society IEEE IoT Initiative

Instructions and Considerations for Tutorial Proposals

1. Considerations

- 1.1** IEEE World Forum Internet of Things (WF-IoT 2022) solicits proposals for Tutorials that complement the regular program with clear and focused coverage in new and emerging topics within the scope of the conference. WF-IoT Tutorials enable the researchers, developers and practitioners from academia and industry to learn about the state-of-the-art research in IoT and related fields.
- 1.2** The Tutorials should be either two (2) hours – a single session, or four (4) hours – two sessions in length. **They will be held as virtual live online sessions October 26th and October 27th, 2022.**
- 1.3** Proposals should concisely describe the motivation, the content, and the structure of the tutorial. IEEE WF-IoT 2022 seeks tutorial proposal submissions that address but are not limited to the following topics:

Possible Tutorial Topics (Non-exhaustive list)	
<ul style="list-style-type: none"> • IoT Enabling Technologies (Computing, Storage, Communications, Networking, AR/VR, 3D Printing 	<ul style="list-style-type: none"> • 5G and 6G Communications, Vehicular Technology (Connected Vehicles) for IoT
<ul style="list-style-type: none"> • IoT Design, System Interfaces, Integration and Testing & Validation Methods 	<ul style="list-style-type: none"> • Multimedia, Societal Impacts, Sustainability, Environment, Climate Change
<ul style="list-style-type: none"> • IoT Programming Models, Middleware and System Architectures 	<ul style="list-style-type: none"> • Security, Privacy and Trust for IoT – including Cybersecurity, Software Supply Chains, Physical Security
<ul style="list-style-type: none"> • RFID, Sensor and Actuators for IoT, Distributed Sensor Networks, Space Based Sensors, 	<ul style="list-style-type: none"> • Artificial Intelligence (ML, ANN), Computational Intelligence in IoT, AI/ML Software and Hardware
<ul style="list-style-type: none"> • Signal Processing, Communications, Networking and Computing Platforms for IoT (Embedded, Edge, Cloud, High Performance Computing, ...) 	<ul style="list-style-type: none"> • IoT Experimental Results and Deployment Scenarios, Experiences from development of IoT Solutions (Ideation, Design, Development, Implementation, Operation, and Sustainment)
<ul style="list-style-type: none"> • Data Acquisition, Data Analytics, Big Data, and Data Storage, Data Curation, and Data Management for IoT 	<ul style="list-style-type: none"> • IoT Applications and Services (Robotics, Drones, Manufacturing, Supply Chains, Smart Homes, Healthcare, Smart Cities,
<ul style="list-style-type: none"> • IoT Platforms, Frameworks, Distributed Systems, Industry 4.0, Precision Agriculture, Digital Twins, 	<ul style="list-style-type: none"> • Automation, Autonomy, Robotics,

2. Instructions

- 2.1** Please be prepared with all the material that you will need to make the proposal for a Tutorial. That includes information about you as the Tutorial Organizer (Presenter) well as information about your Co-Presenters and the proposed content for the Tutorial. **The deadline for Tutorial Proposal submissions is April 25th, 2022.**
- 2.2** To enter the submission please go to the **eWorks** website which can be reached from the authors/proposer's tab from the main conference website page at <https://wfiot2022.iot.ieee.org> and follow instructions for a proposal submission.
- 2.3** The information about you and your Co-Presenters consists of: (1) Name and Salutation; (2) Institutional Affiliation; (3) Location; (4) Contact Information; (5) Your IEEE Membership Number if you are a member and your ORCID Number if you have one; (6) A recent high resolution headshot photograph in JPEG format; (7) a short biography (up to 250 words).
- 2.4** The additional information we will need includes: (1) a title for the Tutorial for which you are making the proposal; (2) a short abstract that describes the content of the Tutorial; (3) Key Words that are descriptive of the topic covered by the Tutorial; (4) Please upload a narrative description of the Tutorial in Word (.docx) format. The narrative should be **limited to four (4) pages** and include:
- *Title of Tutorial*
 - *Abstract (250 words)*
 - *Description of the Tutorial Proposal*
 - *Objectives and motivation*
 - *Novelty, highlighting the technical innovations presented in this tutorial*
 - *Tutorial content, indicating the topics that the tutorial will cover in detail*
 - *Tentative timeline schedule*
 - *Tutorial Length: 2 hours (1 session) or 4 hours (2 sessions)*
 - *Intended audience*
 - *Prior history of the tutorial presentations and number of past attendees, if applicable*
- 2.5** You will be issued a unique **Proposal ID** number (**PID**) upon completion of your submission. Please retain a record of the number as it will be used for notification of acceptance or rejection and subsequent steps.

Notification after Acceptance

- 2.6** Once the proposal has been evaluated you will be notified whether the proposal has been accepted or rejected. Accepted proposals will be notified and assigned a Tutorial identifier (Tuto-01, Tuto-02, ...Tuto-10) and issued an invitation to present at the conference and further instructions.

If you need any further clarification or information, please contact one of the Tutorial Committee Chairs:

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