



SDR Workshop @ COMSNETS 2024

16th International Conference on COMmunication Systems & NETworkS

January 3 - 7 | In-person Conference | Bengaluru, India

https://www.comsnets.org/standards-driven_research.html

Standards-Driven Research Workshop

Call For Papers

Standards are technical specifications that enable technologies to be interoperable, get deployed widely and facilitate presence of multiple solution providers, protecting users from being tied to proprietary systems.

The standardization process involves several years of deep research and technical discussions among various parties to ensure a technically sound description is defined as a specification. Standards also enable research being carried out in institutes to be adopted for practical use.

Research & innovation motivates standardization, and standardization of solutions requires further research & innovation, thereby keeping this cycle active.

TSDSI is organizing the Standards Driven Research (SdDR) workshop at COMSNETS 2024, to bring together innovative minds who are researching into networking and communication systems for exchanging ideas on topics that involve or have potential for standardized solutions. This is the 3rd edition of the workshop and aims to foster a better understanding of the advantages that standards can bring about in different areas such as AI, Communications, Cloud interoperability etc. It also lays emphasis on the role of evaluation methodologies and models used in the standardization process, that becomes the framework to compare performance across different proposals and how it can be leveraged by researchers while investigating new techniques and algorithms.

TSDSI invites papers for presenting in this workshop till 3rd November 2023. Topics of interest include, but are not limited to:

- Machine learning and artificial intelligence for 6G
- Standards to enable Federated Learning for decentralized Machine Learning and knowledge exchange.
- 6th Generation wireless Standards, what should 6G networks look like
- Openness for Radio Access Network design for 6G
- New network architectures for 6G such as composable networks etc.
- Next generation standards for cyber security and cyber physical systems.
- Evaluation methodologies and models for validating new use cases
- Testbeds/Experimental setups for Standardization activities

Submission Guidelines

- The Standards-Driven Research Workshop invites submission of original work, not previously published or under review at another conference/journal.
- Submissions (including title, author list, abstract, all figures, tables, and references) should not exceed **4 pages** in length. A minimum number of 3 pages are required.
- Reviews will be **double-blind**: authors name and affiliation should be included in the submission.
- Submissions must follow the formatting guidelines as given on [IEEE Website](#); and those that do not meet the size and formatting requirements will not be reviewed.

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- All papers must be in Adobe Portable Document Format (PDF) and submitted on EDAS using the aforementioned submission link.
- All workshop papers (full papers - both regular and invited) will appear in conference proceedings and be submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

Important Dates

- Manuscript Submission Due: **10th November 2023**
- Notification of Acceptance: **3rd December 2023**
- Camera-Ready Submission: **10th December 2023**
- Workshop Date: **7th January 2024**

Submission Link: <https://edas.info/N31570>

Program Committee:

- **Pranav Jha**, IIT Bombay
- **Soumava Mukherjee**, IIT Jodhpur
- **Ashish Patel**, NIT Mizoram
- **Ekant Sharma**, IIT Roorkee
- **Syed Zafaruddin**, BITS Pilani
- **Venkatesh Siva Santosh Ganji**, Texas A&M University

Workshop Co-chairs:



Arzad Alam Kherani
Indian Institute of Technology
Bhilai



Satish Kanugovi
Nokia India



Dhiman Saha
Indian Institute of Technology
Bhilai

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