

Standards Driven Research Workshop @ COMSNETS 2026

THEME: “Promoting Pre-Standards Collaborations and Harmonisation for 6G”

Important Dates

Paper Submission Deadline	15th October 2025 (AoE)
Notification of Acceptance	15th November 2025
Camera-ready Submission	30th November 2025
Workshop Date	10th January 2026

Context & Rationale

SDR Workshop is structured as an annual event for a multi-faceted global community (academics, industry, government) organized around **telecom standards (nominally oriented to 6G)**. The workshop brings together members of this diverse community to deliberate and collaborate across the **full life cycle** of standardisation – from pre-standardisation activities to standards development and post-standardisation. The ability to innovate in, contribute to and adopt leading-edge globally relevant Technical Specifications or Industry standards for telecom and networking is of paramount significance to the nation’s industrial capacity and ultimate societal well-being.

This implies that workshop topics be linked in some manner to current global (e.g. ITU, 3GPP, IEEE, ISO/IEC) Standards Development Organisations’ (SDOs’) Technology Working Groups’ (WGs’) deliberations or to future (6G) standards development roadmaps (e.g 3GPP Rel-19 and beyond). Further, contributions that summarize experiences and provide insights into strategic issues around the IP creation pipeline for various global/national SDO WGs are also welcome. Finally, the workshop particularly invites submissions that highlight aspects of telecom standardization relevant for India specific use cases and national research priorities, in view of Bharat 6G vision.

Summary: The SDR workshop seeks to act as a forum for:

a) interaction among academic, industry, and government participants as a platform for ideas on standards development aligned with national priorities and

b) for early consensus creation in preparation for contributions at Global SDOs, with the primary aim of:

- pro-active identification of futuristic research, development and prototyping needed for standards development for next generation telecom, networking and computing technologies
- identification of pathways for three-way (academic, national industry, and government) collaboration on creation of pre- standards IP pipeline aligned with future technology and standards roadmaps,
- creation of WGs and support of existing WGs to pro-actively advise the government regarding technology policy (notably spectrum allocations) and strategies for R&D resource allocation to enhance the impact at Global SDOs, to align with national priorities.

Call for Contributions

The Workshop invites submission of original work, not previously published or under review at another conference or journal. A primary criterion of evaluation will be demonstrated awareness of ongoing/emerging issues at any of various standardization bodies pertinent to telecom standards. Besides purely technology-centric submissions, commentary or position documents on any of emerging network architectures, telecom policy, market formation or technology-cum-business strategic aspects are particularly welcome.

Topics of interest include, but are not limited to:

Pre-Standards Topics:

- Market design and regulatory aspects for telecom
- Spectrum allocation and re-allocation
- Role of industry-government-academic collaboration in IP creation
- Experiences – transition from R&D to standards IP
- Critique of IP creation/standardization process – Indian perspective
- Bharat 6G: India-specific use cases

Emerging Technology Areas:

- Immersive communication
- Massive communication
- Hyper-reliable and low-latency communication
- Ubiquitous connectivity
- AI and communication
- Integrated sensing and communication
- Sustainability
- Connecting the unconnected

- Security and resilience
- Ubiquitous intelligence

Post-Standardisation Topics:

- Network performance evaluation
- New capabilities – interoperability, composability, positioning, coverage
- Open radio access networking
- Open source for 5G and 6G
- Results/experiences from deploying testbeds or field trials

How is a Contribution different from a paper?

- A contribution can contain results from an early-stage research study linked to existing standards with the potential as a future contribution to a standards development working or study group (3GPP, IEEE, IETF, etc.)
- A contribution can be a vision paper, technical commentary, or market research intended as a potential contribution to a future-looking roadmap item identified by an SDO (e.g. ITU)
- A contribution can be a study compiling data and providing insights into network operations from a test-bed or from the field
- A contribution can be an opinion piece or position paper based on a mix of technology, market, and business strategic considerations.

Submission Guidelines

- Submissions (including title, author list, abstract, all figures, tables, and references) should not exceed **6 pages** in length including all references. A **minimum number of 4 pages** are required. The Abstract, Introduction & References should clearly indicate the relevant standards or feature(s) analyzed and include URLs to appropriate standards reports/documents or relevant industry sources.
- Reviews will be **single-blind**: authors' names and affiliations should be included in the submission.
- Submissions must follow the formatting guidelines as given on the IEEE Website; and those that do not meet the size and formatting requirements will not be reviewed.
- All papers must be in Adobe Portable Document Format (PDF) and submitted on EDAS.
- 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.

For any queries, please contact us at comsnets.workshop@gmail.com

Submission Link: <https://edas.info/N34102>

Program Committee

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