**Call For ISWCS 2022 Special Sessions**

The ISWCS 2022 organizing committee invites proposals for Special Sessions on emerging topics in wireless communications and networking, including, but not limited to, the following:

- New radio communications, e.g., THz, mmWave.
- Integrated sensing and communications (ISAC) including for localization, autonomous driving, etc.
- Intelligent reflecting surfaces.
- Orthogonal Time Frequency Space (OTFS) / high mobility / waveform for B5G / rate splitting etc.
- Unmanned aircraft vehicles (UAVs) for 5G and beyond.
- Satellite communications.
- Machine learning techniques for communications, including reinforcement learning, graph representation learning, deep unfolding, etc.
- Semantic communications.
- Wireless edge learning and computing.
- Federated and distributed learning over wireless communications.

Each proposal needs to be at most three pages long (excluding organizers' biographies) in single-column A4 or letter format, with a font size of 10 or greater, and cover the following information:

- Session title
- Names and affiliations of Session organizers
- Session abstract
- Background and motivation
- Metadata (including titles, author list, and abstract) for at least three committed papers.
- Related special sessions or workshops in previous conferences
- Short biographies of the organizers, including research expertise and experience in organizing past special sessions or workshops.

As mentioned above, each Special Session proposal is required to include information about at least three (but no more than six) confirmed papers invited by the organizers. We especially encourage invited submissions from a diverse set of authors, institutions, and geographical regions. The Sessions may further be expanded with selected papers from the main conference track as jointly decided by the organizers and the Technical Program Committee. Note that the organizers are allowed to contribute to at most two invited papers, and no author can appear in more than one paper (hence implying that in a single-organizer Session, the organizer can only contribute to a single invited paper). The review process of the invited papers will be handled by the Session organizers.

Each Special Session proposal will be evaluated based on the importance of the proposed topic, its relevance to the ISWCS audience, the quality and diversity of the invited papers, and the organizers' experience and expertise.

The expected timeline for the Special Sessions is as follows (23:59:59 AoE on each date):

- May 15, 2022: Special Session Proposal submission deadline
- May 31, 2022: Special Session Proposal decision notification
- July 30, 2022: Special Session invited papers submission deadline
- August 18, 2022: Special Session invited papers decision notification

- October 22, 2022: Special Session Presentations

Please submit your Special Session proposals by sending an email to the Special Sessions Chairs (nnaderi@seas.upenn.edu and liuf6@sustech.edu.cn) with the subject: **ISWCS 2022 Special Session Proposal**. Please do not hesitate to contact us in case you have any questions about the Special Sessions at ISWCS 2022.

**ISWCS 2022 Special Sessions Chairs:**
Navid NaderiAlizadeh, University of Pennsylvania, United States (nnaderi@seas.upenn.edu)
Fan Liu, Southern University of Science and Technology, China (liuf6@sustech.edu.cn)