The 22nd IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC), will be held in Lucca, Tuscany, Italy, on September 27-30, 2021. A flagship workshop of the IEEE SP Society SPCOM technical committee, SPAWC 2021 will combine cutting edge research in the fields of signal processing, communication theory, information theory, statistical learning, wireless networking and more.

All invited and regular papers, with up to 5 pages of technical content (including references), will be published through IEEE Xplore.

Structure of the Technical Program

The technical program will follow the successful style of SPAWC, with morning and afternoon keynote talks, and poster sessions in between. A Call-for-Special-Sessions on hot topics in the society will be published. In addition to the keynotes, the program will feature several SPAWC Talks given by leaders in both academia and industry. While each keynote will provide an introduction and overview of a topic, in a style that suits all the attendees, the SPAWC talks disseminate the latest developments in the same topic area as the keynotes.

Tutorial and Special Session Proposals

Tutorials will be held on September 27, 2021. Brief tutorial proposals should include title, outline, contact information, biography and selected publications for the presenter(s), and a description of the tutorial and material to be distributed to participants. Special session proposals should include title, rationale, session outline, contact information, and a list of invited papers.

Student Paper Contest Guidelines

The committee will select approximately 10 papers for the Student Paper Contest. Final selection of 3 winners will be made after the completion of Student Paper Contest on September 27, 2021.

Data Competition

SPAWC 2021 will include a data competition to develop algorithms for a problem related to signal processing and communication theory.