



Call for Proposals

Short Courses at ICASSP 2022 in Collaboration with SPS Education Board

The IEEE Signal Processing Society (IEEE-SPS) Education Board is planning an inaugural education activity in the form of short courses at ICASSP 2022. The introduction of education-oriented short courses will offer Professional Development Hours (PDHs) and Continuing Education Units (CEUs) certificates to those who complete each course. Given that students, academic, and industry researchers and practitioners have a broad diversity of interests and areas of experience worldwide, the IEEE-SPS goal is to develop meaningful methods of offering beneficial and relevant courses in support of our membership educational needs.

General Information about Short Courses at ICASSP

Duration: They should have a total duration of 10 hours, distributed over two-hour parts, and spanning the five days of the conference.

Coverage: They should be different than tutorials and aim for a broader view covering a wide spectrum of ideas and results in their area, and *not* focusing on some expert's research results. Both established and emerging domains are welcome, as well as experiential, hands-on components introducing methods and tools, are encouraged.

Target Audience: 1) Students, 2) researchers from universities or research labs/centers and industry, and/or 3) industry signal processing engineers and practitioners. Hybrid combinations are welcome, too.

Availability: To provide worldwide accessibility and independence from possible travel restrictions, ICASSP Short Courses should be available both with physical presence as well as online. The online version will remain with SPS after the conference.

Exercise material/Certificates: For a deeper and multi-sided understanding of the material of the course as well as for awarding attendees with a certificate, some exercise material and possible some hands-on experience should be available for the course attendees. A support in the form of a \$5000 honorarium will be available for the Developers and Presenters of each accepted short course, as well as some certification for the developer(s) and their team in recognition of their contributions to IEEE-SPS Education.

Call for Short-Course Proposals:

Short-course proposals in all areas of signal processing and its applications are warmly invited and encouraged for presentation at ICASSP 2022.

If during ICASSP 2022 the pandemic situation renders impossible the deliverance of a short course with physical presence, the developers of an accepted short course will have the option of presenting it remotely.

Please submit your short-course proposals to: [SPS Education Short-Course Proposals](#).

Essential information to be included in a short course proposal:

1. Title of the course.
2. Presenter name(s), contact information, short biography, and five recent related publications.
3. A summary of presenter's previous experience related to short courses.
4. The rationale for the short course including its importance, timeliness, and broad usefulness and how it can possibly introduce new ideas, topics and tools to the SP community.
5. A detailed description of the short course outlining the learning goals and the topics and subtopics covered.
6. A description of any supporting course resources, e.g., books, notes, etc.
7. A description of hands-on or lab components of the short course.
8. A statement of any previous or related versions of this short course.
9. A description of target attendees, and the expected prerequisite technical knowledge.
10. Short course proposals will be peer-reviewed based on the above information. Their review will be supervised by the SPS Education Board. The titles of selected short courses will be posted in the conference webpage and the short courses which do not attract sufficient registrants may be cancelled.

Important Dates:

Short-Course Proposals Submission Deadline: December 22, 2021

Short-Course Acceptance Notification: January 12, 2022