2025 IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2025)

April 06 – 11, 2025

Hyderabad, India

IEEE Signal Processing Society

Call for Short Courses Proposals

Submission deadline – September 23, 2024

Acceptance notification – November 25, 2024

Submission Instructions

Proposals should be submitted through the submission link. Inquiries should be sent via e-mail to the Short Course Chairs at shortcourses@2025.ieeeicassp.org

All Proposals should be submitted through this link

ICASSP 2025, in collaboration with the IEEE Signal Processing Society (IEEE-SPS) Education Board, is offering education short courses at the conference. These courses will offer **Professional Development Hours (PDHs)** and **Continuing Education Units (CEUs)** certificates to those who complete them. Given that students, academics, and industry researchers and practitioners worldwide have diverse interests and areas of expertise, the IEEE-SPS goal is to develop meaningful methods of offering beneficial and relevant courses in support of our members' educational needs.

General Information

Duration: Each course should have a total duration of 9 hours, distributed over 2 days, at 3 hours for one day and 6 hours for the other day. However, a shorter course with a length of 6 hours is also acceptable and in this case the delivery will be three hours for each day. Short courses will be delivered on Sunday and Monday of the week of ICASSP 2025.

Coverage: Short courses should be different than tutorials and aim for a broader view covering a wide spectrum of ideas and results in their area, and not focus only on research results from a specific individual or group.

Both established and emerging topics in signal processing are welcome. We also encourage experiential, hands-on components that introduce methods and tools.

Target Audience: 1) students, 2) researchers from universities or research labs/centers and industry, and/or 3) signal processing engineers and practitioners from industry.

Availability: ICASSP 2025 Short Courses will only be available for in person attendance and the Short Course presenters are required to deliver the courses in person during ICASSP 2025 with no virtual components. The maximum number of presenters per course is three. All short courses will be recorded for potential future use.

Exercise materials/Certificates: To enhance a deeper and multi-sided understanding of the course content, some exercise materials, and possibly some hands-on experimentation should be available for the course attendees.

Support in the form of a $4000 honorarium ($3000 for the six-hour case) will be available to be divided among the developers and presenters of each accepted short course, as well as certificates for the developer(s) and their team(s) in recognition of their contributions to IEEE SPS Education.

Short-course proposals in all areas of signal processing and their applications are invited for presentation at ICASSP 2025. However, topics closely related to those of the short courses presented in past ICIP and ICASSP conferences will not be considered.

Essential information to be included in a short course proposal:

1. Title of the course.
2. Presenter's name, contact information, short biography including previous experience related to organizing and delivering short courses, and a maximum of five recent related publications (for each presenter).
3. Course description (max 5 pages excluding references and additional teaching materials, single column, 12pt):
    a. The rationale for the short course, including its importance, timeliness, broad usefulness, and how it can possibly introduce new ideas, topics, and tools to the SP community.
    b. A detailed description of the short course outlining the learning goals and the topics and subtopics covered.
    c. A description of any supporting course resources, e.g., books, notes, etc.
    d. A description of hands-on or lab components of the short course.
    e. A statement of any previous or related versions of this short course.
    f. A description of target attendees, and the expected prerequisite technical knowledge.
    g. A list of references.
    h. Although it doesn't have to be complete, any available slides and hands-on lab materials could help the review committee understand the proposed course. **We accept URL links to the external materials that host those teaching materials if they don't fit in the PDF**.

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 on the conference webpage. Short courses that do not attract sufficient registrants may be cancelled. Subject to the agreement of the presenter(s), some of the short-course proposals may be selected for online presentation at a later stage separate from ICASSP 2025 and in this case no honorarium will be provided.

We request your acknowledgement that all accepted short-course instructors will be willing and available to review technical edits during possible post-course production. Additionally, instructors must promptly provide any necessary course material upon request.