



APSIPA Annual Summit
and Conference 2026
November 9-12, Hanoi, Vietnam

Call for Proposals for Winter Schools

Objectives

The rapid evolution of Artificial Intelligence and Foundation Models is transforming how signals from diverse modalities—such as audio, images, video, text, and sensor data—are represented, fused, and interpreted. Recent advances at the intersection of signal processing, machine learning/deep learning, and large-scale foundation models have opened new opportunities for both fundamental research and real-world applications. APSIPA ASC 2026 invites proposals for Winter Schools (WS) to be held as technical events of the conference.

The Winter Schools aim to offer participants a structured and in-depth introduction to modern multimedia signal processing methods. The program is primarily intended for students, early-career researchers, and practitioners seeking to gain a solid understanding of theoretical frameworks, practical methodologies, and emerging research directions.

Winter Schools Chairs

- Assoc. Prof. Thanh-Hai Tran hai.tranthithanh1@hust.edu.vn
Hanoi University of Science and Technology, Vietnam.
- Dr. Huy-Hieu Pham hieu.ph@vinuni.edu.vn
VinUniversity, Vietnam.
- Prof. Isao Echizen iechizen@nii.ac.jp
National Institute of Informatics, Japan.
- Assoc. Prof. Sayaka Shiota sayaka@tmu.ac.jp
Tokyo Metropolitan University, Japan.

Submission

Submit your proposals online at: <https://bit.ly/apsipa-asc26-Cfp-WS>

Important dates

- Initial proposal submission: **February 25, 2026**
- Notification of proposal acceptance: **March 1, 2026**
- Detailed program submission: **June 1, 2026**
- Registration: **June 15, 2026**
- Schools date: **November 9, 2026**

Organizational Support and Policies

For accepted WS proposals, the APSIPA ASC 2026 will provide the following support:

- Dedicated venue at Hanoi University of Science and Technology.
- Basic audiovisual facilities consistent with conference standards.
- Coffee/tea breaks in accordance with the school schedule.

Please note that the conference does not cover honoraria, travel expenses, accommodation, and registration for WS organizers and WS instructors. WS organizers are responsible for coordinating their instructors' participation and ensuring their availability for the schools.

Guidelines

Each proposal should include the following information:

1. Title of the proposed Winter School.
2. Introduction: Motivation, scope, and learning objectives.
3. Organizers: Name, affiliation, email, biography, and relevant teaching experience.
4. List of Instructors: Name, affiliation, email, biography, relevant teaching experience.
5. Tentative program: Three-hour schedule, session titles, and learning outcomes.
6. Target audience: Intended level (e.g., PhD, graduates) and required prerequisites.
7. Materials & logistics: Description of materials (slides, code); expected participants.

Topics of Interest

Proposals should focus on multimedia signal processing, including but not limited to:

- Multimodal signal representation, feature learning, and cross-modal alignment.
- Signal fusion across audio, visual, textual, and sensor modalities.
- Multimodal foundation models (e.g., vision-language, audio-visual, audio-text).
- Pre-training strategies, contrastive learning, and self-supervised learning.
- Signal processing perspectives on large-scale models (efficiency, scalability).
- Learning with limited, noisy, or heterogeneous multimodal data.
- Applications: Healthcare, IoT, smart environments, multimedia, and HCI.

Format & Duration

The Winter School is a half-day event (approx. 3 hours) and may include:

- Invited lectures or tutorial-style talks.
- Interactive sessions, panel discussions, or hands-on demonstrations (highly encouraged).

Notes: Proposers must demonstrate a balanced structure between foundational concepts and practical insights.

Evaluation criteria

- Technical quality and alignment with current *Signal and Information Processing* trend, balance between theory, methods, and applications.
- Relevance to conference theme, diverse areas of APSIPA ASC 2026, as shown in the Call for Papers and educational impact.
- Feasibility of the 3-hour program and expertise of the organizers.
- Clarity of objectives and expected learning outcomes.

Inquiries

- Winter Schools: Email to all chairs of Winter Schools.
- General Information: Email to Secretariat (apsipa2026@vnu.edu.vn).