

Newsletter (July 2026)

Greetings,

the GDR SCIPAC (<https://scipac.in2p3.fr/>) is pleased to send you its newsletter. To share information, you can contact scipac-contact-l@in2p3.fr. You can subscribe/unsubscribe from the mailing list via <https://indico.ijclab.in2p3.fr/event/10057/>.

*** Nomination for the CNRS Section 04 Bronze and Silver Medals**

During its autumn 2026 session (October 19-23), Section 04 of the National Committee will propose candidates for the 2027 Bronze and Silver medals on behalf of IN2P3. The deadline for submitting proposals is September 25, 2026. The Section invites the entire community, including researchers, collaborative groups, team leaders, project managers, and unit directors, to submit a diverse range of proposals. Candidates must be affiliated with IN2P3 or its partners and work within the Institute's research areas. Full details of the call for nominations can be found at: https://section04.in2p3.fr/wp-content/uploads/2026/06/Appel_medailles_2027.pdf

*** Call for R&T projects from CNRS Nuclear and Particules, phase 1 (letter of intent)**

For staff of CNRS Nuclear and Particules, Phase 1 of the 2027 R&T call for projects has been published on the noa.cnrs.fr platform (call No. 162) and requires authentication via Janus. For this Phase 1, letters of intent must be submitted by September 30. For projects that are preselected, Phase 2 will require the submission of a project proposal (new call for proposals in November)

*** « Photocathodes for Accelerator Science in Europe » (PhASE26) Workshop, September 21-23, IJCLab**

As part of the European Workshop on Photocathodes for Accelerator Applications (EWPAA), the LPSC in Grenoble and IJCLab are organizing the next edition at IJCLab (Orsay) from September 21 to 23. This event, Photocathodes for Accelerator Science in Europe (PhASE26), will feature approximately forty oral presentations, a tutorial on photocathode physics, and a poster session covering topics related to photocathodes (applications, metal, semiconductor, polarized, theory, characterization techniques, etc.). A tour of the IJCLab facilities is also planned. **Registration is open until July 27.**

Program and registration under <https://indico.ijclab.in2p3.fr/event/13323/overview>

*** Rencontres accélérateurs of the French Physical Society, October 6-7, Bordeaux**

The Accelerators Division of the French Physical Society organizes every two years the "Rencontres Accélérateurs" to showcase a laboratory working on the division's research themes. The host laboratory and surrounding laboratories will present their research activities and techniques. This meeting will be held on October 6 and 7, 2026, in Talence, on the University of Bordeaux campus, and CELIA, with the support of the CEA, is in charge of the organization. Tours of CELIA, LP2IB, and the Laser Mégajoule will be organized. Supervising institutions will be invited to present their perspectives on the themes and to engage in discussions with the community. The Jean-Louis Laclare Prize will be awarded to the winners, followed by a presentation of their research and an evening reception. The Division's exhibition will be open to the general public and students. See <https://indico.ijclab.in2p3.fr/event/13578/>

*** AI for Particle Accelerators Hackathon, October 11-16, les domaines de Gaston**

The AISSAI Hackathon on AI for Particle Accelerators is an intensive five-day collaborative event bringing together 30–50 researchers — accelerator physicists, AI scientists, and HPC engineers — to work hands-on on concrete scientific challenges at the frontier of machine learning and particle accelerator science. It is primarily aimed at doctoral students, post-doctoral researchers and early-career engineers from the accelerator physics, physics, AI/ML, and HPC communities. Senior scientists are welcome.

Participants will form small competing teams, share access to dedicated HPC resources at Jean-Zay (IDRIS), and tackle three major challenge tracks:

- Surrogate Modeling - building fast, reliable emulators of complex accelerator subsystems
- Anomaly Detection & classification - detecting, classifying, and explaining abnormal machine behavior
- Control, Optimization & Decision Support - AI-assisted tuning and operational intelligence

Each track will feature two teams adopting contrasting methodological approaches, with a final plenary confrontation of results on Friday afternoon. The event is accompanied by resident artists who will document the week through observation and produce an illustrated comic deliverable.

Participation is by selection: the organizing committee will assemble teams based on skill profiles and scientific preferences collected at registration. Attendance is free of charge. A limited number of travel and accommodation grants are available for early-career participants.

Details and registration available at the following link: <https://indico.in2p3.fr/event/39704/>

*** ECFA school on particle physics detectors, CERN, 1-12 February 2027**

The new ECFA Winter Instrumentation School in Particle Physics (ECFA WISPP) is intended to Master's student or a first-year PhD student eager to learn about particle detectors. It is organized at CERN for two weeks, 1–12 February 2027, to discover the physics principles and cutting-edge technologies behind particle detectors. The programme includes:

- lectures by internationally renowned experts,
- hands-on laboratory sessions using state-of-the-art instrumentation,
- keynote talks on future collider projects and detector technologies.

Applications are open until 15 September 2026 for applicants requiring a visa, and until 15 October 2026 for all other applicants. Special measures have been introduced to encourage and facilitate the participation of Master's students.

For further information and to apply, please visit: <https://indico.cern.ch/e/ECFA-WISPP-2027>

*** Funded PhD thesis on active and passive harmonic cavities for SOLEIL II**

As part of the SOLEIL II upgrade, the next-generation French synchrotron light source, SOLEIL is seeking a motivated candidate to join the accelerator physics group for a PhD focused on passive and active harmonic cavity systems for SOLEIL II. The project will cover longitudinal beam dynamics, RF feedback modeling, and beam instability studies. The successful candidate will also have access to the SOLEIL machine for experimental validation.

Details and application information are available at the following link: <https://www.synchrotron-soleil.fr/fr/emplois/these-etude-des-systemes-de-cavites-harmoniques-passives-et-actives-pour-soleil-ii>

Sincerely,

The SCIPAC Management Committee