

Concurso Estancias de Verano Experimentales DPyC-SMF 2026

Wednesday 12 November 2025 - Thursday 05 February 2026

Conference Scientific Programme

The purpose of the competition is to select Mexican undergraduate and master's students as candidates for summer research stays at international research centers, to strengthen their training in particle physics, astroparticle physics, accelerators, and related areas. The DPyC does not guarantee that the host institution will accept the preselected students. You can go ahead and carefully review the competition terms here. **Description of the Summer Research Stay** During the summer research stay, students join an international laboratory and participate in academic and research activities designed to strengthen their training in particle physics, astroparticle physics, accelerators, or related fields. Over approximately two months, students work under the guidance of researchers and integrate into the host laboratory's daily life. Students typically: **Take short, intensive courses** related to the laboratory's research areas (theory, experimental methods, data analysis, detectors, simulation, etc.). **Participate in a supervised research project**, which may involve data analysis, simulation work, detector studies, or theoretical calculations, depending on the laboratory. **Attend seminars, group meetings, and scientific discussions to gain** exposure to active research environments. **Work closely with research teams**, developing technical, computational, and scientific skills. **Engage in laboratory visits, technical tours, or hands-on sessions**, depending on the host center's program. Throughout the stay, students are housed within or near the laboratory and experience the dynamics of an international research environment. By the end of the program, students present or summarize their work, acquiring valuable experience that supports their academic and professional development. **Participating Laboratories** Laboratory Topic Summer Program JLAB Accelerator Physics BNL BELL Experiment Physics Science Undergraduate Laboratory Internship (SULI) SNOLAB Neutrino and Dark Matter Physics SuSi Lecture Program CERN Particle Physics (Data Analysis and Detector Development) CERN Summer Student Program 2026 DESY Particle Physics (Data Analysis and Detector Development) Summer Student Program 2026 **Selection Process**

The selection process is carried out in two stages: **Review of the candidate's academic profile**. In this first stage, the committee evaluates the documents submitted by each applicant, including academic transcripts, reference letters, motivation letters, and CVs. The goal is to assess academic preparation, research potential, and alignment with the program's objectives. **In-person evaluation of practical skills**. Applicants who advance to the second stage participate in an in-person assessment that includes short intensive courses, problem-solving activities, and an interview. This stage allows the committee to evaluate analytical abilities, scientific reasoning, communication skills, and overall suitability for the summer research stay. The list of preselected candidates will be posted on the website (see the schedule). **Financial Coverage** The host institution partially funds the research stays. Depending on the host institution, the support may include airfare, lodging, a stipend, subsistence support, or health insurance. Once selected, the candidate commits to making the appropriate requests to their home institution to secure any additional funding required to cover items not financed—whether one of the previously mentioned expenses or the cost of a visa, if needed—to ensure the completion of the stay. The DPyC supports, with documentation, the process for securing complementary funding from students' home institutions to complete the research stays.