

Dear Reader,

This Newsletter is intended for all SPS members, researchers, industries, students, interested specialists and physics friends. Feel free to share this Newsletter within your community, and follow this [link](#) if you want to add a person to our mailing list.

If you wish to give your contribution with news or suggestions, please do not hesitate to contact me at: margherita.boselli@cern.ch

Kind regards,

Margherita Boselli

WHAT'S UP IN SWITZERLAND?

2023 Joint Annual Meeting SPS and ÖPG

[The next SPS Annual Meeting](#) will be organized jointly with the Austrian Physical Society (ÖPG), and it will take place from **September 4 to September 8, 2023, at the Physics Department of the University of Basel**. Following a well-established tradition, the SPS and the ÖPG organize their annual meetings together every two years.



The program will open on Monday 4 with the **Blaise Pascale Symposium and the Women in Physics Career Symposium**. From Tuesday to Friday, the scientific program will include talks given by ten invited speakers, which will cover many subjects spanning from condensed matter, nanotechnologies, quantum computing and materials, physics education, neutron science, nuclear and particle physics, astroparticle physics and gravitational waves. There will be several contributions, and a poster session. The Swiss Institute for Particle Physics (CHIPP), the Swiss Neutron Science Society (SGN) and the NCCR SPIN will contribute to the program.

The SPS General Assembly is scheduled for the afternoon of Monday September 4. The deadline for the [abstract submission](#) is May 1, 2023. The registrations are open until August 15, 2023.

Do not hesitate to join the meeting and encourage your colleagues to do the same! The Annual Meeting is also an excellent occasion for graduate students and postdocs to present their work.

February edition of the SPS Communications

The **February edition of the SPS Communications, Nr. 69**, has been distributed among the SPS members and the [pdf version is now available](#) on the SPS webpage.

This edition of the SPS journal includes a series of articles about the work of the 2022 winners of the Nobel Prize for physics Alain Aspect, John Clauser, and Anton Zeilinger. It presents the winner of the 2023 Sakurai Prize, and many other interesting contributions in the "Progress in



physics”, “Physics anecdotes and personal memories”, and “History of physics” series.



Women and Girls in science and technology 2023 edition

February 11 has been declared by the United National General Assembly the [International Day of Women and Girls in Science](#), to promote equal access to and participation in science for women and girls.

This date is the perfect occasion to act and share good examples and practices of inclusion in science.



In this framework, between January 30 and February 3, almost a hundred female scientists from [CERN](#), [Sciencescope](#) (University of Geneva), [EPFL](#), and the [Annecy Particle Physics Laboratory \(LAPP\)](#) visited more than [two hundred schools](#) in Swiss Romande and France to promote science among 5120 children and present the jobs in science, technology, engineering, and math. This initiative started in 2017 and it was again a great success in 2023, breaking the participation record.

In the image Francesca Giovacchini, a physicist working on the AMS-02 space experiment at CERN, tells pupils at the Satigny-Mairie school about her work. Credits: CERN.

CERN S’Cool LAB closed its doors to pave the way to the new Science Gateway laboratories

[S’Cool LAB](#) is permanently closed since November 2022. From 2014 and 2022, S’Cool LAB was a successful Physics Education Research Facility at CERN, in Geneva. In its 8 years of activity, S’Cool LAB welcomed almost 40000 visitors, high-school students and teachers from all around the world, offering a series of engaging hands-on and minds-on activities.



The fruitful experience of S’Cool LAB paved the way for the creation of the laboratories of the new [CERN Science Gateway](#) that will extend the offer of S’Cool LAB to a more diverse audience.

In the image High-school students at work during a S’Cool LAB activity. Credits: CERN.

Open lecture on Cosmology at the University of Geneva

On Thursday March 2, Camille Bonvin, theoretical physics Professor at the University of Geneva, will give a public lecture titled “**Aux confins de l’espace-temps. La théorie de Einstein mise à l’épreuve**”.



This lecture opens the Spring semester at the University of Geneva, and Prof. Bonvin will present the state-of-the-art research on cosmology introducing the audience to our current understanding of the Universe's evolution.

The event will take place at 18h30 at the Uni Dufour building of the University of Geneva. The participation is free, and no registration is required. More information is available [here](#).

ANNOUNCEMENTS

Upcoming conferences in physics education

Two interesting conferences on physics education are taking place this summer.

The [GIREP-EPEC 2023](#) conference will take place on **July 3-7, 2023 in Košice, Slovakia**. It is organized by the International Research Group on Physics Teaching – GIREP (Groupe International de Recherche sur l'Enseignement de la Physique), the Physics Education Division of European Physical Society (EPS-PED), Faculty of Science, Pavol Jozef Šafárik University in Košice and the Slovak Physical Society. The theme of the conference is "**Physics learning promoting culture and addressing societal issues**" and it is nicely in line with the topic of the [second SPS Focus](#) journal. The deadline to send an abstract is March 31, 2023.

The [15th Conference of the European Science Education Research Association \(ESERA 2023\)](#), will take place in **Cappadocia, Turkey from August 28 to September 1, 2023**. The topic of the 2023 edition of the ESERA conference is "Connecting Science Education with Cultural Heritage". STEM fields, namely science and technology together with engineering and mathematics, have had an enormous impact on human societies over the recorded history. Today, they constitute an integral and inseparable part of the societies in which we live. On the other hand, resources of cultural heritage can play an important role for improving science teaching and learning in formal and informal settings.

The Swiss Physical Society (SPS) unites persons interested in physics from university, schools, research, development and industry. The SPS promotes the scientific exchange of ideas in Switzerland and with its international environment.

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