

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?

Science and Youth National Contest 2023

The [National Contest](#) is one of the flagship projects of [Schweizer Jugend Forscht](#). It invites 16 to 23 years old students from all around the country to perform a research work at the end of their high-school or professional school. The work is done under the supervision of experienced scientists in different fields and it is a great opportunity to have a research experience at a very early stage of the students' career.



In 2022, 250 students took part in this competition and approximately 125 made it to the finals in Lugano. [Here](#) you can have a look at the videos submitted by the participants. The Swiss Physical Society sponsors two prizes that this year have been awarded to: **Cordian Dominik Lehmann**, for a project titled "[Modelling and analysis of the aerodynamic behaviour of football kicks](#)", and **Laura Villiger** for a project titled "[Combination tones on the violin](#)".

All the information about the current and the past editions of the Contest are available [here](#).

New website for IPPOG

IPPOG, the International Particle Physics Outreach Group, is a network of scientists, science educators and communicators from all around the world working on public engagement in particle physics. IPPOG promotes several physics outreach initiatives at national and international level and benefits from the diverse backgrounds of its members. After five years of intense work, the [new website of IPPOG](#) has just been published. It will certainly be a useful platform to improve the work of this network.



CERN celebrates Higgs@10

On Monday July 4 [CERN](#) will celebrate with a [symposium](#) the 10th anniversary of the announcement of the revelation of the long-awaited **Brout-Englert-Higgs mechanism** by the [ATLAS](#) and [CMS](#) experiments. Exactly ten years ago, on July 4 2012, the spokespersons of both the collaborations announced the discovery to a CERN auditorium full of people and to a global webcast audience.



The symposium will last all day, and it will take a look at the latest results, and consider future prospects. It will be [webcast](#) with [live captions](#). The morning session will also be [webcast in French](#).

EPT Summer Camp

[EPT-hub](#) [Engaging-Physics-Tutoring]@ETH is happy to invite physics Teaching Assistants (TAs) and young lecturers to attend our [EPT summer camp](#) at **Zuoz Lyceum Alpinum**. During this camp the participants will explore ways to motivate and engage students, experiments with hands-on activating techniques for the class and they will share teaching experiences. The event is a great opportunity for further education, new insights and networking in the splendid Zuoz surrounding.



When: August 12-14 [arrival: Friday afternoon, departure: Sunday after lunch].

Where: Lyceum Alpinum in Zuoz

More information and registration [here](#)

Contact: Dr. Vira Bondar / bondarv@ethz.ch

The EPT summer camp is a satellite event to the: [PSI Condensed Matter School](#), 5-12 August 2022, and [PSI particle physics school "Vision & Precision"](#), 14 - 20 August 2022.

2022 edition of Geneva's Nuit de la Science

On July 9 and 10 the [Science History Museum](#) and the Perle du Lac parc in Geneva will host the "Nuit de la Science" 2022: two full days of science, where a broad public is invited to attend workshops, science shows, demonstrations and to exchange with scientists, science educators and science passionates. The 13th edition of this event is titled "Et pourtant elle tourne!", a clear link to the work of Galileo Galilei, and the idea is to use a scientific approach to understand phenomena apparently counter-intuitive, suprising, etc..

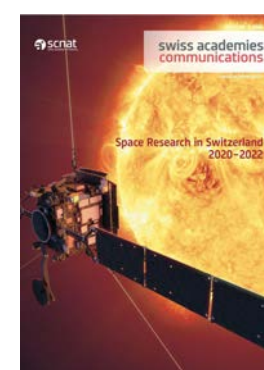


All the information about this very nice event are available [here](#).

Publication of the COSPAR report 2020-2022

[SCNAT](#) recently published the last [COSPAR - Committee on Space Research - report](#), a compilation of the projects that have been conducted in Swiss research institutes in the field of space research over the period 2020 - 2021. [The 44th COSPAR Scientific Assembly](#) in Athens this summer is the occasion for the delegations to advertise their activities in this domain sciences.

The direct link to the document is available [here](#).



Euler-Bernoulli 2022

A ceremony taking place on **October 28 and 29** in Basel will celebrate the completion of the printed edition of the **Opera Omnia** of the mathematician **Leonhard Euler (1707–1783)**. The event is organised by the [Bernoulli-Euler Society](#), together with the [Platform MAP of SCNAT](#).



This publication represents the transition to a new area: all works, letters and notebooks of

Euler, the Bernoulli and their entourage are to be presented online and freely accessible on a modern digital platform. This immense task is now in the hands of the international Bernoulli-Euler-Committee, a body of the Bernoulli-Euler Society.

The program of the celebration is available [here](#).

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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