

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?

Joint Annual Meeting Registration deadline

The [Joint Annual Meeting of the ÖPG and SPS](#) is approaching, it will take place from August 30 until September 3 2021 at the 'Campus Technik' of the University of Innsbruck, Austria. The deadline for [registrations](#) is August 10. Please note that with submitting an abstract you are not automatically registered.



First Stone of CERN Science Gateway

On June 21, an official ceremony marked the beginning of the construction works of [CERN Science Gateway](#), the Laboratory's new flagship project for science education and outreach. Fabiola Gianotti, CERN's Director-General, John Elkann, Chairman of [Stellantis](#) and the [FCA Foundation](#), the main donor of the project, Renzo Piano, internationally renowned architect, founder of [Renzo Piano Building Workshop](#), whose notable buildings include the Zentrum Paul Klee in Bern, and Antonio Hodgers, representing the Geneva Canton, were present to mark the successful start of the construction. Ursula Bassler, President of the [CERN Council](#), contributed to the ceremony remotely. Representatives from CERN Member and Associate Member States, Host States and many other partners were also in attendance at the ceremony.



Image: rendering of the [Science Gateway building](#).

Carte Blanche: call for contributions

The working group aiming at creating a carte blanche on the CO₂ law started. [Cartes blanches](#) give the opportunity to scientists to express their point of view on societal and science policy issues, they are coordinated by [SCNAT \(The Swiss Academy of Sciences\)](#), but they reflect the authors'



personal opinion not that of SCNAT. The debate on the current carte blanche can be followed on the dedicated [Twitter page \(@CB_SCNAT\)](#). Any scientist interested in creating a carte blanche can contact SCNAT at: carteblanche@scnat.ch.

First Steps of Switzerland towards SKAO

[The Square Kilometre Array \(SKA\) project](#) is an international effort to build the world's largest radio telescope, with eventually over a square kilometre of collecting area to investigate the origin of the first stars and galaxies. It will be operated by the international organisation [Square Kilometre Array Observatory \(SKAO\)](#). On June 4, [the Federal Council requested the Parliament](#) to increase the guarantee credit already approved so that Switzerland can become a member of the SKAO until 2030. On June 9, EPFL has signed a [Cooperation Agreement](#) with the SKA Observatory (SKAO) on behalf of the Swiss astronomy community. This agreement will allow the Swiss scientific and engineering community to participate in the project until a decision by the federal government on Switzerland to join the Observatory as a full Member.

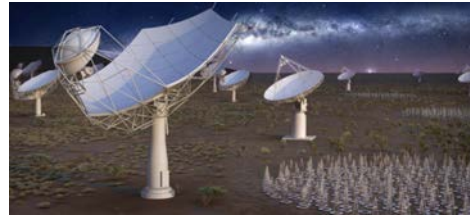


Image: artist's impression of the SKA at night, from the [project's website](#).

Technorama at EPFL

From the June 12 until July 4, [EPFL Pavilions](#) will host a dozen experiments set up in Pavilion A by the [Technorama science center](#) in order to explore natural phenomena and technology. A truly unique opportunity to discover, or rediscover, some of the major scientific principles. The exhibition has free admission, the entrance is limited to 20 visitors per hour due to sanitary restrictions and it is recommended for audiences aged 7 and over. All the practical information are available [here](#).



WHAT'S UP IN THE WORLD?

Results of the Dark Energy Survey

On May 27, the [results](#) of the data analysis of three out of six years of observations of the [Dark Energy Survey \(DES\)](#) have been published. DES is an international, collaborative effort to map hundreds of millions of galaxies, detect thousands of supernovae, and find patterns of cosmic structure that will reveal the nature of the mysterious dark energy that is accelerating the expansion of our Universe. It began searching the Southern skies on August 31, 2013 and concluded observations of the night sky in 2019. 26 out of the 30 interconnected papers that summarize the analysis effort of more than hundred scientists have been released and the measurements confirm that the way matter is distributed throughout the universe is consistent with predictions in the standard cosmological model, the best current model of the universe. The full press release is available [here](#).

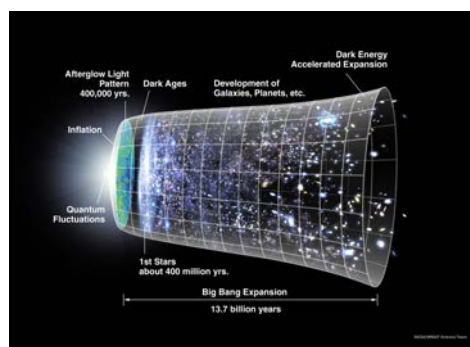


Image: timeline of the Universe Expansion from [DES website](#).

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.

[Unsubscribe](#) | [Manage profile](#) | [About](#)

[Subscribe as new user](#)