



News from France



EPPCN meeting, 4 June 2023

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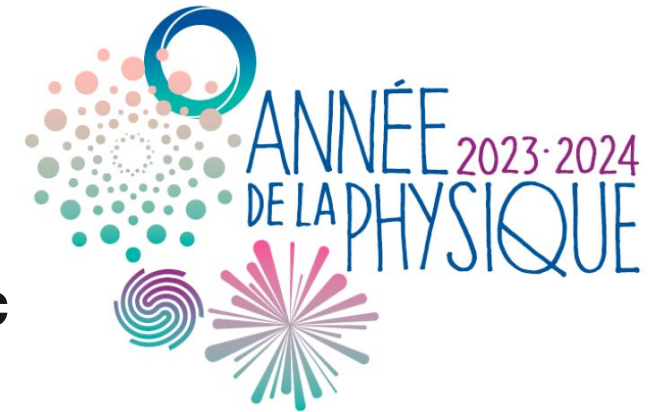
OCTOBER 2023 - Launch of the school year of physics

Launched on 3 October (Nobel Day) at the Cité des Sciences, with 4 keynote speakers (quantum physics, gravitational waves, climate change, physics & sport) and round tables with teachers, students, outreachers...

Target: mainly schoolchildren, but also the general public

Partners: CNRS, CEA, French universities, French Physics society, French Astronomy society, French Academy of science, associations of physics teachers, “La Main à la pâte”, Women and Science...

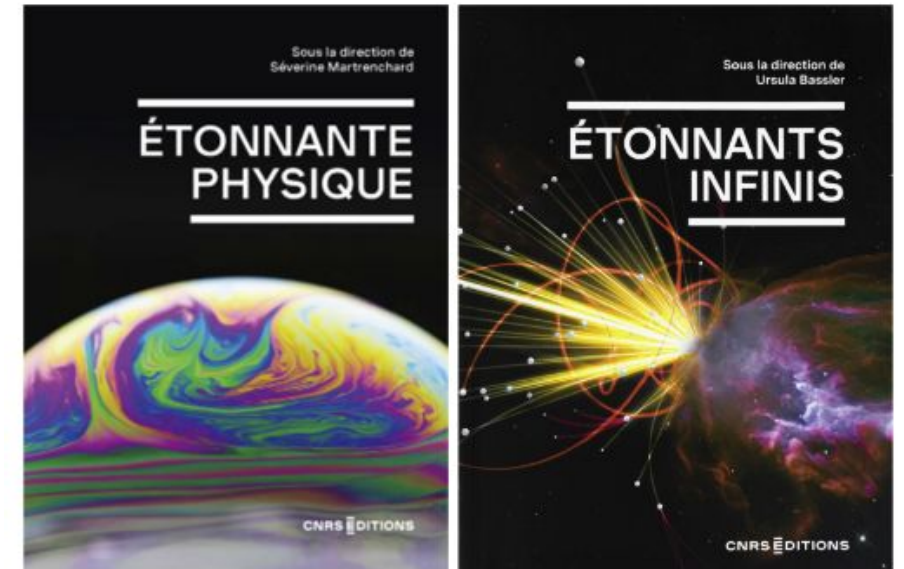
Officially labelled by the Ministry of National Education



SCHOOL YEAR 2023-2024

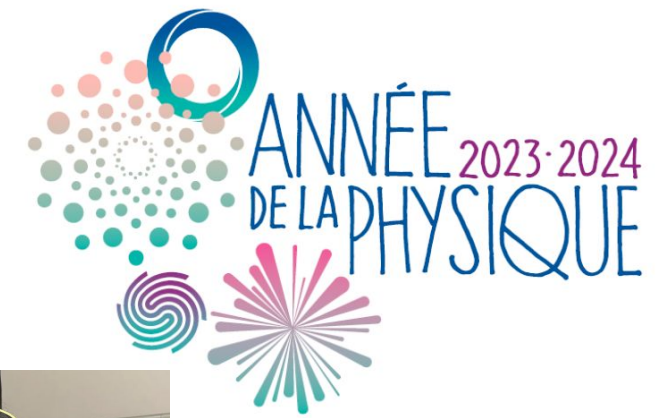
in brief:

- **Dedicated website** announcing all events and offering resources
- **Teacher training** in physics throughout France, with lab visits
- **Scientist training** to help them communicate with the general public.
- **Comic book** on careers in physics
- **Science Fest**, with “unusual” lab visits
- **“Night of physics”** (2 April 2024)
- Colloquium on **women in physics**
- **New book “Amazing Physics”** in addition to “Amazing Infinities” to be used for students' final exam



SCHOOL YEAR 2023-2024

Specific highlights in particle physics



- The renovated **Marie Curie's teaching kit** (primary school)
- Up to two times more **French teachers at CERN** this year
- New "**Teachers at GANIL**" programme (French Large National Heavy Ion Accelerator)



https://youtube.com/playlist?list=PLtLbuEpXFoEw_GE_d7muwRKXIPty5vbXv&si=jbwiS3qGs2IRR-G



(English subtitles available)

<https://youtu.be/7SUxoB5V4uY?si=wpMpkuhOUrPNjZJ4>

OCTOBER 2023 - 50th anniversary of neutral currents

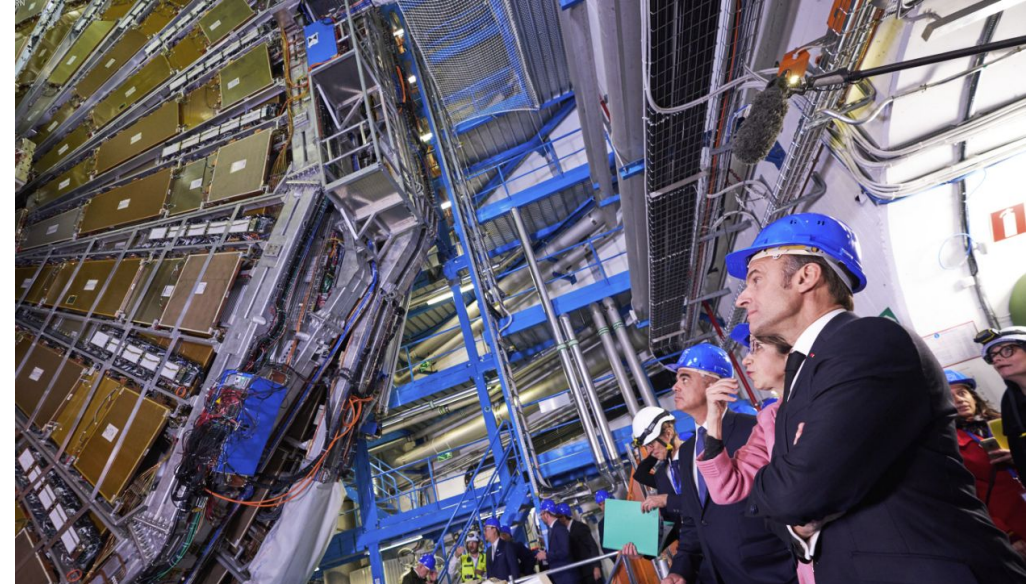


The first public event at Science Gateway, celebrating CERN's first major discovery. With talk by Bernard Degrange (CNRS-IN2P3), co-discoverer, Christophe Grojean (DESY), theorist and Delphine Blanchard (CNRS), historian

co-organised by CERN, CNRS-IN2P3, CEA and the French Physics Society. <https://indico.cern.ch/event/1333553/>



NOVEMBER 2023 - President Emmanuel Macron visits CERN



State visit to Switzerland.

Emmanuel Macron visited the LHC tunnel, ATLAS experiment and the Science Gateway, met young researchers from France and Switzerland, then spoke with Fabiola Gianotti and the President of the Swiss Confederation, Alain Berset.

<https://www.in2p3.cnrs.fr/en/node/2561>

‘If I wanted to come here today, it's to show my confidence in the teams, and our desire, our ambition, to maintain our leading position in this field [of particle physics].’

NOVEMBER 23 - Antimatter in the spotlight



Live Twitch on 21 November by Arte (French-German TV Channel)

Watch the programme

https://youtu.be/9M_GpOp0FIs?si=kF6NBfKRUKORRaPk

With 3 French physicists Marie-Hélène Schune (LHCb), Justine Serrano (now Belle-II) and Pauline Comini (GBAR)



FEBRUARY : heading for imaginary worlds

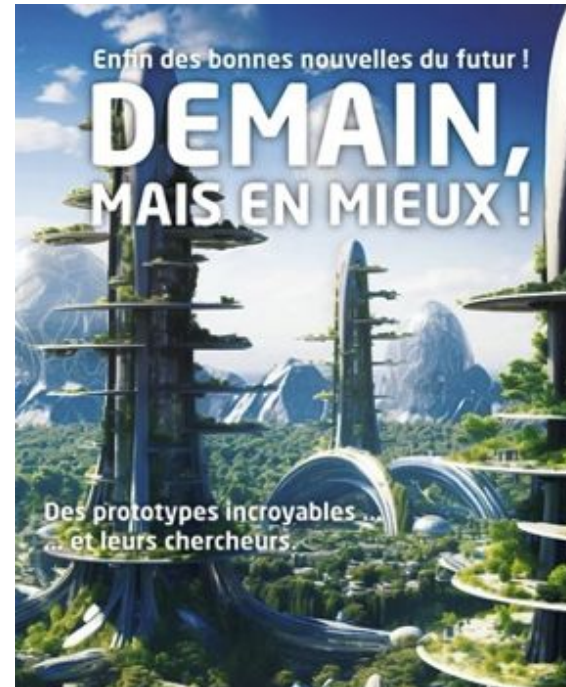
Yggdrasil festival :

At Eurexpo Lyon, every year 1 weekend in February, 30,000 visitors, 21,000+ m² of exhibition space, 240 exhibitors

Tomorrow but better: A meeting place for the general public, science and new technologies since 2022, including CNRS, CEA, CNES, Airbus, Ariane, ITER, Cité des Sciences,...

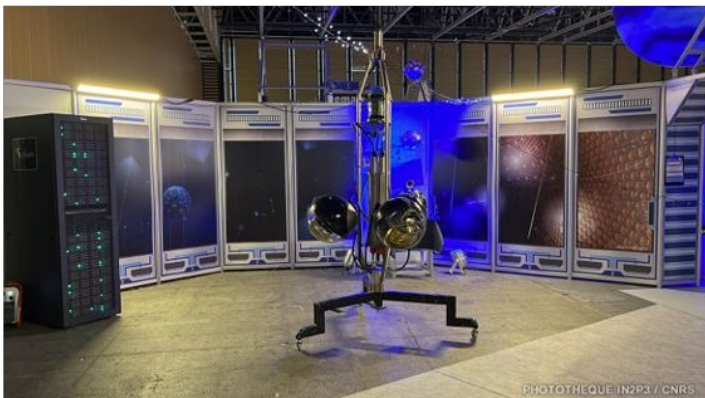
1st participation for CNRS-IN2P3

Main theme: neutrinos



Yggdrasil festival

The IN2P3 stand



KM3NeT and JUNO displays, computing server, ANTARES module, KM3NeT line



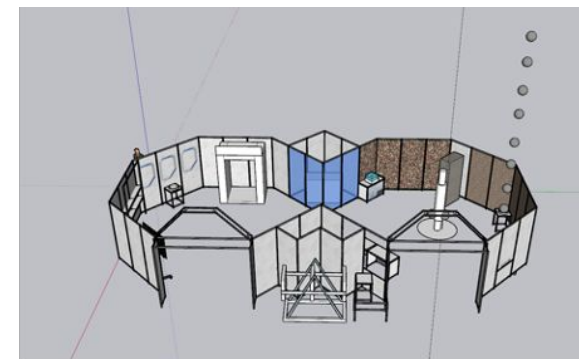
ANTARES module



Stand entry



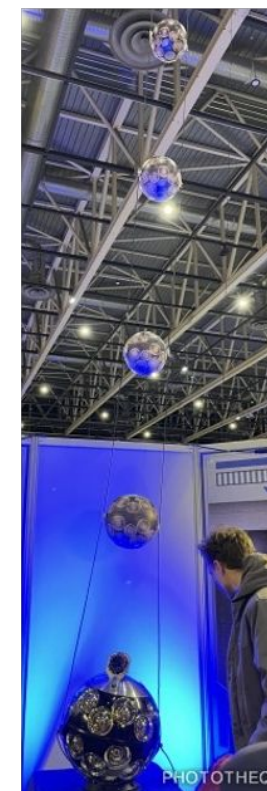
JUNO detection plan



Cosmic cabin, particle zoo, cloud chamber



Particule Zoo (plush toys and pokemon cards)



14-m KM3NeT line

Yggdrasil festival

In images

<https://phototheque.in2p3.fr/index.php?/category/2242>

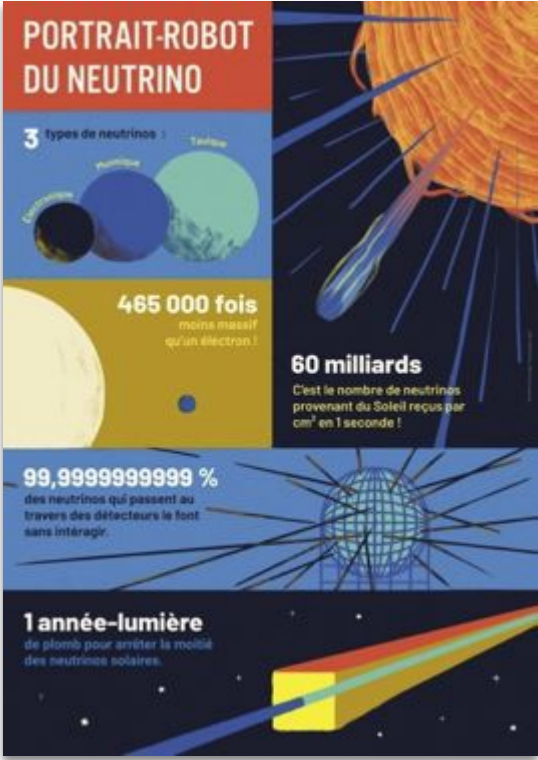


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Yggdrasil festival

new outreach resources



New posters and artists' views



Sets of 18 pokemon cards
Original AI-generated visual
integrated into a Pokemon
card-type cartridge.

SEPTEMBER 2024: Celebrating CERN70

EVENT at the **Cité des Sciences**, Paris, organised with CNRS, CEA and the French Physics Society

Friday 27 Sept : Inaugural evening session with official speeches, maybe a videoconference with CERN followed by a round table

science enthusiasts and journalists



Week-end (28-29 sept) : Science Marathon

- 20-minute stand-up talks on a variety of disciplines, from the discoveries to future prospects.
- breaks with short films, live shows and quizzes.
- exhibits, demos
- planetarium screening of scientific films, including 'The Phantom of the Universe'' by Michael Barnett (2017)

families and visitors
free entrance



back up slides

FEBRUARY : heading for imaginary worlds

- 7 labs and 36 people mobilised in Lyon (for the setup, for communication, for animation)
- 5 months of preparation
- Relay of 22 scientists over the weekend (about 8 to 10 people in the stand at any moment)
- Film crews from communication teams
- Around 1000 à 2000 visitors on our stand
- Up to 48 774 impressions and 13,795 unique views on Twitter

