

Welcome back!

Many of you are returning to the office, while others are already back. With this second edition of our newsletter, whether you were working from experiment control rooms or spending time with your families, we'd like to extend a warm welcome back to all of you!

Hadron Therapy

HADRON THERAPY SYMPOSIUM
STATUS AND PERSPECTIVES, PLANS FOR NEXT GENERATION FACILITIES
 18 - 21 October 2024
 Thessaloniki

International and Local Organising Committee:
 Yiota Foka (ISI/SEEIST) chair
 Stefanos Charalampous (IAEA)
 Peter Greife (SEEST)
 Sandra Rossi (CNAO)
 Nicholas Sammut (Univ. Malta)
 Maurizio Vretenar (CERN)
 Panagiotis Bamidis (AUTH/AHEPA) co-chair
 Emmanouel Papapanastasiou (AUTH/AHEPA)
 Maria Rigaki (Papageorgiou/IAEA) co-chair
 Antonio Capizzello (AHEPA)
 Stefanos Tsiaridis (AUTH/AHEPA)
 Kostas Sakas (Papageorgiou)
 Maria Topalidou (Papageorgiou)

Scientific Committee:
 Piero Fossati (MedAustron)
 Marco Durante (ISI)
 Fabian Eberle (MIT)
 Angelica Facchetti (CNAO)
 Yiota Foka (ISI/SEEIST)
 Semmi Herrabi (HIT)
 Ester Orlandi (CNAO)
 Joan Seco (DKFZ)
 Maurizio Vretenar (CERN)

CLICK AND DISCOVER THE PROGRAMME

FREE REGISTRATION FOR IN-PERSON ATTENDANCE IS OPEN UNTIL 10 October, 2024
<https://indico.cern.ch/event/HadronTherapySymposium>

Yiota Foka (Particle Therapy Masterclasses coordinator) presented the brand new Particle Physics Therapy Masterclasses during the latest edition of ICHEP in Prague. You can find more information at this link: ippog.org/news/ippog-ichep-2024

Those interested in this activity will also want to join the Hadron Symposium, which will be held in Thessaloniki from October 19-21, 2024. Attendance can be either in person or online, and registration can be completed by following this link: indico.cern.ch/event/1431627

International Masterclasses

David Borgelt from the University of Münster won a poster prize at ICHEP2024 in Prague for his didactic presentation of the "International Masterclasses in Particle Physics" project. Out of 180 competing posters, only seven received awards. Congratulation David!

We are pleased to announce that the Institutes registration procedure for the next edition of the International Masterclasses will be announced on October 18.

You can find all the information here: ippog.org/imc-international-masterclasses

International Cosmics Day

The 2024 edition of Cosmic Day is around the corner.

Save the date: Nov 26, 2024

Before providing all the details, we would like to officially welcome the new coordinator: [Kazuo Tanaka](#).

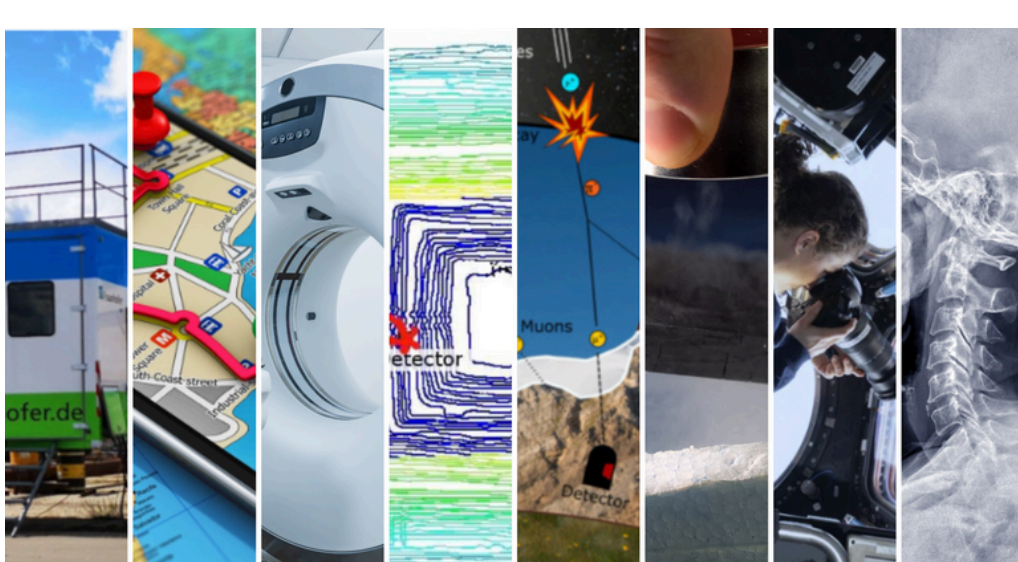
Cosmic Day is an annual event dedicated to the study of cosmic rays, where students, educators, and researchers from around the world come together to learn, collaborate, and share their findings. The event includes lectures, workshops, and hands-on experiments aimed at understanding these high-energy particles that originate from outer space. Participants have the opportunity to engage with leading scientists and contribute to ongoing research in this fascinating field.

World Wide Data Day 2024

We are thrilled to announce one of the most anticipated events of the year: the World Wide Data Day, organised by QuarkNet. Mark your calendars for November 14, 2024! This event invites high school students worldwide to analyse data from the Large Hadron Collider and share their results in a global videoconference.

To learn more, check out this link: quarknet.org

IPPOG Tapas



We are excited to present our new online Tapas, which can be reached via this link: ippog.org/particle_physics_tapas.

8 witness stories highlight concrete examples of successful applications of (particle) physics and related sciences that benefit society, collected by the IPPOG Working Group Outreach of Applications for Society.

Passport to the Infinite, adapted from a book by CNRS/IN2P3, provides a general introduction to the infinitely small, the infinitely large, and the links between the two.

We inform you that the next **28th IPPOG meeting** will be held at CERN from November 25-27, 2024.

Stay tuned and don't miss the next newsletter for more details!

