



European Physical Society
High Energy and Particle Physics Division



EPS-HEPP

eps-hepp.web.cern.ch

Federico Antinori
(INFN - Padova, Italy)





- up to 18 ordinary members (currently 14)
 - representing a broad spectrum of areas of interest in HEPP
- + 5 observers
 - EPS Board
 - EPS NPD
 - NuPECC
 - APPEC
 - ECFA
- Chair: Fabio Maltoni (UC Louvain and Bologna)
- Scientific Secretary: Géraldine Servant (DESY and U Hamburg)
- (new Chair and Scientific Secretary to be elected in the summer)

Article 2 - Tasks

2.1 The tasks of the Division are, inter alia:

- (a) to promote the support and co-ordination of research activities;
- (b) to facilitate contacts with and between its members, in particular through the organisation and co-ordination of conferences;
- (c) to help in the training of young researchers and in the development of their abilities in ways which may facilitate their future professional activities;
- (d) to co-operate with other Divisions of EPS, and other similar organisations in any common field of interest;
- (e) to offer expertise and advice to other bodies of EPS as well as to other European institutions in the field of elementary particle and astroparticle physics;
- (f) to promote the public understanding and appreciation of elementary particle and astroparticle physics;
- (g) to ensure equality, diversity and inclusion in all of its activities.



- the board also promotes initiatives deemed useful/timely/needed in our community and in collaboration with other groups

Current and Past Initiatives

[EPS-HEPP EDI Charter](#)

[Memorandum on the evaluation of Experimental Particle Physicists](#): Joint ECFA/EPS-HEPP document

[Basic research](#): Position statement

Position of the Board on [University Participation in Large HEP Experiments](#)

Initiative on the [Property of HEP Data](#)

Initiative on [Scientific Notes](#)

IUPAP Initiative on [Women in Physics](#)



- the Board is in charge of organising the EPS-HEP Conference
 - every two years
 - with sessions of particular interests for the NuPECC community
 - QCD and Hadronic Physics
 - Ultrarelativistic Nuclear Collisions
 - Detector R&D and Data Handling
 - ...

- upcoming: EPS-HEP 2025, Marseille

- huge operation!
 - 38 plenary talks
 - 543 parallel talks (over 16 parallel tracks)
 - + 142 posters
 - 57 conveners
 - 41 LOC members
 - 61 helpets

	Sunday 06/07/25	Monday 07/07/25	Tuesday 08/07/25	Wednesday 09/07/25	Thursday 10/07/25	Friday 11/07/25
08:30-9:00						
09:00-9:30		8:45-10:45 Parallel sessions			8:30-10:30 Parallel sessions	
09:30-10:00						
10:00-10:30						
10:30-11:00					Coffee break	
11:00-11:30		Coffee break				
11:30-12:00		11:15-12:00 Introduction			11:00-12:30 Plenary sessions	
12:00-12:30		12:00-12:30 Plenary session				
12:30-13:00						
13:00-13:30		Lunch	Lunch	Lunch	Lunch	Lunch
13:30-14:00						
14:00-14:30				13:30-15:30 Plenary sessions	14:00-15:30 Plenary sessions	14:00-16:00 Plenary sessions
14:30-15:00		14:00-16:00 Parallel sessions	14:00-16:00 Plenary sessions			
15:00-15:30						
15:30-16:00				Coffee break	Coffee break	Coffee break
16:00-16:30		Coffee break	Coffee break			
16:30-17:00		16:30-17:00 Plenary session		16:00-18:00 Parallel sessions	16:00-18:30 ECFA Plenary	16:30-18:00 Plenary sessions
17:00-17:30	Arrival, Registration		16:30-18:30 Parallel sessions			
17:30-18:00		17:00-18:30 Prize ceremony				
18:00-18:30				18:00-19:30 Poster session		18:00-18:30 Closing
18:30-19:00		18:30-19:30 Welcome reception				
19:00-19:30						
19:30-20:00						
20:00-20:30						
20:30-21:00			20:00-22:30 Public event Arts & Science	20:00-22:30 Public lecture	20:00-23:30 Conference dinner	
21:00-21:30						
21:30-22:00						
22:00-22:30						

- EPS-HEP 2027 awarded to Bucharest

every two years the division awards five prizes:

- the **High-Energy Particle Physics Prize**
 - for an outstanding contribution to High-Energy Physics
 - 2025 prize to **Jürg Gasser, Heinrich Leutwyler and Martin Lüscher**
 - “for ground-breaking contributions to new theoretical methods that have advanced our understanding of strong interactions in their non-perturbative regime...” (formulation of low-energy effective field theory, formulation of QCD on the lattice)
- the **Giuseppe and Vanna Cocconi Prize**
 - for an outstanding contribution to Particle Astrophysics and Cosmology in the last fifteen years
 - 2025 prize to **the Fermi-Lat and Fermi-GBM collaborations**
 - “for revolutionising the field of gamma-ray astronomy...” (1000’s of new sources, more than 2000 GRBs, first em counterpart to IceCube neutrino event, first em counterpart to GW event from neutron star merger)
- the **Gribov Medal**
 - for outstanding work by an ECR in Theoretical Particle Physics / Field Theory
 - 2025 prize to **Lorenz Eberhardt**
 - “for his groundbreaking contributions to modern string theory...” (proof of AdS/CFT in 3D, insight into solution of 3D gravity, computation of string amplitudes)



- the **Young Experimental Physicist Prize**
 - for outstanding work by one or more ECRs in Experimental HEPP
 - 2025 prize to **Thea Klæboe Aarrestad**
 - “for influential and innovative ideas ...” (integration of modern ML into HEP, in particular at h/w level and leadership in pioneering novel techniques for anomaly detections on searches for new physics)
 - and to **Laura Zani**
 - “for outstanding work on searches for physics beyond the SM...” (dark matter portals, lepton-flavour-violating τ decays and remarkable contributions to Belle II construction, commissioning and operation)
 - the **Outreach Prize**
 - for outstanding achievement in outreach, including education and promotion of diversity, in connection with High-Energy Physics or Particle Astrophysics
 - 2025 prize to **Beamline for Schools**
 - “for its original, innovative and successful outreach programme ...” (global competition for high-school teams, winners carry out an experiment at CERN, DESY...)
- the prize ceremony will take place in Marseille, on the opening day of EPS-HEP 2025