

## **C11 Report to IUPAP Commission Chairs and Executive Committee**

September 2024

*Florencia Canelli, Chair IUPAP-C11 Commission*

### **C11 Officers:**

**Chair:** Florencia Canelli (2014) (2017) (2021) Switzerland

**Vice-chair:** Young Kee Kim (2021) United States

**Secretary:** Azwinndini Muronga (2017) (2021) South Africa

### **C11 Members:**

Alexander Sorin (2017) (2021) Russia

Nicole Bell (2021) Australia

Barbara Clerboux (2021) Belgium

Marcelo Munhoz (2021) Brazil

Jana Bielcikova (2021) Czech Republic

Lydia Iconomidou-Fayard (2021) France

Srubabati Goswami (2017)(2021) India

Atsuko Ichikawa (2021) Japan

Roman Pasechnik (2021) Sweden

Franz Muheim (2021) United Kingdom

Isabell Melzer-Pellmann (2022) Germany

### **Associate Members:**

Ani Aprahamian (C4) United States

Takaaki Kajita (C12) Japan

Ana Machado (2023) Brazil

Liangjian Wen (2023) China

Oliver Stelzer-Chilton (2022) Canada

Since the General Assembly in October 2023, the C11 Commission has made significant progress on several key initiatives:

1. **C11 Young Scientist Prize Recipients:** The C11 Young Scientist Prize selection process has been a major focus. Following our usual practice, we issued a call for applications and reviewed submissions. We selected two deserving recipients, Jennifer Ngadiuba and Ian Moulton, who accepted their awards at the ICHEP2024 conference in Prague.
2. **Diversity Initiatives:** We collaborated with conference organizers to implement diversity initiatives across events, emphasizing the importance of inclusivity in our scientific community.
3. **Support for Hybrid and Virtual Conferences:** We provided support for organizing hybrid and virtual conferences, facilitating participation across geographical boundaries. We met in both formats at the ICHEP2024 conference in July 2024 and the Lepton Photon 2023 meeting in July 2023. Additionally, we conducted Zoom meetings to assist with the Young Scientist Award selection process.
4. **Support of conferences:** We have actively worked to enhance regional and gender balance within the C11 committee. At the C11 annual meeting during ICHEP2024, we selected bids for major C11 conferences in 2026 and 2027, with the ICHEP2026 conference to be held in Bangkok, Thailand, and the Lepton Photon Symposium 2027 in Shanghai, China. This decision supports our commitment to regional rotation. The TIPP series conference, held every three years, was successfully hosted in South Africa in 2023. Bids for the 2026 conference were accepted, and during the C11 annual meeting, Mumbai was selected as the host city. Additionally, we will finalize the steering committee chair and amend bylaws this month.

The C11 committee has engaged in ongoing discussions about the balance between hybrid and remote participation in conferences, particularly concerning sustainability concerns related to CO<sub>2</sub> emissions. Several European institutions have imposed limits on conference attendance to mitigate environmental impact. Given our tradition of rotating conferences globally, this is a critical issue for the C11 committee.

Reports from conferences in 2023 highlighted our commitment to sustainability and gender balance. Many conferences have met or exceeded gender balance recommendations set by IUPAP. However, financial feasibility has led most events to return to in-person formats.

Our community has expressed the need for a comprehensive code of conduct for conferences applicable to organizers and attendees. We urge IUPAP to ensure that individuals with serious misconduct are ineligible for awards. In our previous call for nominations, we emphasized that nominators should verify the ethical

standing of candidates. We believe that the Working Group on Ethics (WG) within IUPAP can provide essential guidance in establishing a standardized code of conduct and promoting ethical behavior and accountability within our community.

The participation of members from Russian institutes at conferences has raised ongoing concerns, leading conference organizers to refrain from including them in organizing committees or as session conveners. Their involvement has significantly diminished. When Russian participants are invited, organizers often request they remove their affiliation from registration materials, following established IUPAP procedures.

The C11 committee is reviewing the information infrastructure critical to High-Energy Physics research, which relies heavily on limited funding. Sustainable financial support is necessary to ensure reliable operation and quality of service. The future of INSPIRE, in particular, is still being determined due to budget cuts at SLAC and DESY. We recommended that the HEP community articulate its need for a robust information infrastructure, possibly through input for the ESPP update, similar to the Snowmass process in the U.S. C11 should take a more active role in raising awareness and pursuing fundraising opportunities.

C11 maintains close contact with WG1 (ICFA). Last year, there was a change of chair, which the entire C11 committee unanimously endorsed. The C11 chair participates in all executive meetings of WG1, and the WG1 chair presents an annual summary of activities at the C11 annual meeting.

## **Conferences Supervision during 2024**

### **Category A**

42th International Conference on High Energy Physics (ICHEP2024)  
17 – 24 July, 2024, Prague, Czech Republic

### **Category B**

International Conference on Large Hadron Collider Physics (LHCP-2023)  
22 – 27 May 2023 Boston, United States

### **Category C**

14th International Workshop on Neutrino-Nucleus Interactions (NuInt)

15 – 20 April, 2024  
São Paulo, Brazil

### **Upcoming conferences for 2025**

A: 31th International Symposium on Lepton Photon Interactions at High Energies (LP2025), Maddison, Wisconsin, United States

B: Large Hadron Collider Physics Conference LHCP2025 (LHCP25), Taipei, Taiwan

C: Higgs Hunting 2025 (HH2025) – Orsay & Paris, France

C: European Physical Society HEP 2025 – Marseille, France

### **Upcoming conferences beyond 2025**

A: 43th International Conference on High Energy Physics (ICHEP2026)  
TBD July, 2026, Natal, Brazil

B: International Conference on Technology and Instrumentation in Particle Physics (TIPP-2026), Mumbai, India

A: 32th International Symposium on Lepton Photon Interactions at High Energies (LP2027), Shanghai, China

A: 44th International Conference on High Energy Physics (ICHEP2028), Bangkok, Thailand