

# INTERNATIONAL UNION OF PURE AND APPLIED PHYSICS

# Advancing physics across international boundaries for the past 100 years

### INTERNATIONAL COMMISSIONS

- C1: Commission on Policy and Finance
- C2: Commission on Symbols, Units, Nomenclature, Atomic Masses
- and Fundamental Constants
- C3: Statistical Physics
- C4: Astroparticle Physics
- C5: Low Temperature Physics
- C6: Biological Physics
- C8: Semiconductors
- C9: Magnetism
- C10: Structure and Dynamics of Condensed Matter
- C11: Particles and Fields
- C12: Nuclear Physics
- C13: Physics for Development
- C14: Physics Education
- C15: Atomic, Molecular, and Optical Physics
- C16: Plasma Physics
- C17: Laser Physics and Photonics
- C18: Mathematical Physics
- C19: Astrophysics
- C20: Computational Physics

### AFFILIATED COMMISSIONS

- AC1: International Commission for Optics
- AC2: International Commission on General Relativity and Gravitation
- AC3: International Commission for Acoustics
- AC4: International Commission on Medical Physics
- AC5: International Association of Physics Students
- AC6: International Commission on the History and Philosophy of Physics

### **WORKING GROUPS**

- WG1: International Committee for Future Accelerators (ICFA)
- WG2: Communication in Physics
- WG5: Women in Physics
- WG7: International Committee on Ultrahigh Intensity Lasers (ICUIL)
- WG9: International Cooperation in Nuclear Physics (ICNP)
- WG10: Astroparticle Physics International Committee (ApPIC)
- WG11: Gravitational Wave International Committee (GWIC)
- WG12: Energy
- WG13: Newtonian constant of Gravitation
- WG14: Accelerator Science
- WG15: Soft Matter
- WG16: Industry
- WG17: Centenary

#### **AIMS**

- Assist in the worldwide development of physics and promote physics as an essential tool for development and sustainability;
- Engage in the strengthening and improvement of physics education, particularly in developing countries;
- Increase diversity and inclusion in physics;
- Foster international cooperation and sponsor suitable international physics meetings;
- Promote the free circulation of physicists and open access to data;
- Enhance the vital role of early career physicists;
- Strengthen the links with physicists working outside academia and with other scientific communities;
- Uphold openness, honesty and integrity in the practice, application and promotion of physics.

# 2022

## The Yearlong CENTENARY **Celebrations will:**

- Increase awareness of physics discoveries and the close ties among physicists at research centres globally;
- Stimulate worldwide interest in physics and science, as a tool for education and a motor of innovation, technology & sustainable development :
- Reach out to the global physics community, national science organisations, policy-makers, societies, students, families and the general public;
- Promote an International Year for Basic Sciences for Sustainable Development (IYBSSD) in 2023.



# **Conference Sponsorship**

Each year, IUPAP sponsors and endorses ~ 50 conferences annually with special attention given to those held in developing countries.



### **Inter Union Relations**



# **Young Scientist Awards** & Commission Awards

~220 prizes have been awarded in the last 10 years

