Report on IUPAP Centenary

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C&CC, October 2020
Limited progress

• Given the global Covid crisis and lockdowns, there was little progress on the preparation of the Centenary celebrations.

• We had to face other more urgent problems, i.e. the move of the headquarters and difficulties related to it.
Recap of ideas

• Split the work around the following initiatives:
  • The Centennial Symposium
  • Publicity material on the Centenary (&IUPAP)
  • History of IUPAP
  • Satellite events elsewhere in the world
  • ……
The Centennial Symposium

• In Geneva (at CERN?) in the fall of 2022 as one of the initiatives for the International Year of Basic Sciences for Sustainable Developments (IYBSSD)

• Our resources are modest, so it is seems important to have the help of large institution such as CERN

• IUPAP is also seeking support from CERN on a project by project basis to complement the hosting arrangement. I think that we should formalise this, regardless of what happens with the headquarters.

• Important synergy with IYBSSD and with the launch at CERN of Science Gateway
Science Gateway

- New futuristic building designed by world-renowned architect Renzo Piano, entirely funded through external donations. A centre for scientific education and outreach for the general public of all ages, with a 900-seater Auditorium.
Science Gateway

- Construction will start end of 2020 as planned (all permits delivered, main contracts signed)
- Inauguration foreseen end of 2022 if all goes well (at least the Auditorium)
The Centennial Symposium

• In preparation for the Symposium, I would like to ask all commission chairs to identify a couple of outstanding scientists/communicators in their field, e.g. a senior and a more junior, to prepare a high-quality and diverse pool of speakers and have a wide variety of options to choose from.

• Ideal example: talk (show?) given by Bill Phillips at IUPAP GA in Sao Paulo

• Please send proposals of names to me, cc IUPAP secretary
Publicity material on Centenary that you may already use (uploaded to the drive)
We have a logo
We have a couple of posters
IUPAP Young Scientist Prize Winners Our young scientists are our future

Advancing physics across international boundaries for the past 100 years

2022 – IUPAP Celebrates 100 years!
**Leaflets**

**Your Commission**

To be filled by you with mission statement and facts & figures from your commission and WGs.

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**INTERNATIONAL UNION OF PURE AND APPLIED PHYSICS**

"Advancing Physics across International boundaries for the past 100 years"

**Aims:**
- to stimulate and promote international cooperation, coordination, research and education in physics;
- to foster excellence and diversity in physics;
- to uphold openness, honesty and integrity in the practice, application and promotion of physics;
- to support the free circulation of scientists;
- to promote international agreements on standards, units and nomenclature; and cooperating with other organizations on disciplinary and interdisciplinary problems;
- to help in the application of physics toward solving problems of concern to humanity;
- to sponsor suitable international meetings and to assist organizing committees.

**Conference Sponsorship**

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

**2022 Centenary Celebrations**

The year-long 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 & economic development.
- Reach out to the global physics community, national science organisations, policy-makers, societies, students, families and the general public.

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History of IUPAP

• We have been contacted by R. Lalli, researcher at the Max Planck Institute for the History of Science in Berlin, with expertise in international physics institutions. He offered to contribute to the Symposium with a historical lecture.

• Proposing to organise a two-day academic workshop on the IUPAP history and to produce a high-quality volume based on the discussions at the workshop. Coorganizer: Jaume Navarro, president of the Commission for the History of Physics of the International Union of History and Philosophy of Science and Technology, promoter of the joint history of physics commission.

• Some ideas for the workshop: role of IUPAP in the development of physics, connections between science and diplomacy, the internationalization of physics… Possible location: Niels Bohr Institute in Copenhagen, Donostia International Physics Center in Donostia-San Sebastián.

• They ask for sponsorship (~30,000 euros) and need access to IUPAP archives. Necessary to digitise archives before we move the headquarters.
Other ideas

• Satellite events. Use IUPAP-sponsored conferences as vehicles to celebrate the Centenary and the IYBSD, e.g. having dedicated plenary talks (for free).

• ‘Local’ initiatives are encouraged. IUPAP will act as an ‘umbrella’ for these various initiatives, however, things will not happen unless YOU promote them!

• 2023 General Assembly, in Paris, 100 year after the first General Assembly (1923 – Paris)