

## December 2021 DPF Newsletter

Dear DPF members,

Please find below the monthly DPF newsletter for December 2021. This newsletter will be archived on the DPF website. If you would like an announcement included in the January 2022 newsletter, to be sent out around January 15th, please contact the DPF Secretary/Treasurer (Tulika Bose, starting January 2022). Please keep requests to 300 words and submit them by the **10th of the month** for consideration.

Mirjam Cvetič, Secretary/Treasurer, 2021, [cvetic@physics.upenn.edu](mailto:cvetic@physics.upenn.edu)

Tulika Bose, Secretary/Treasurer, 2022, [tulika@hep.wisc.edu](mailto:tulika@hep.wisc.edu)

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## Message from DPF Executive Committee

Dear APS DPF Members,

Season's Greetings! While we are approaching the end of the year 2021, we would like to thank you for your active participation in the APS DPF activities. We have experienced unprecedented challenges this year and we have accomplished a lot. At this time of the year, we would like to wish you and your family to have a great holiday season!

DPF Executive Committee

## APS April Meeting

April 9-12, 2022, New York City

Abstract Submission Deadline: **20 December, 2021**

Please join us for the April '22 APS meeting in New York City, April 9-12. The meeting will be held at the Marriott Marquis Hotel.

<https://april.aps.org>

The Abstract Submission deadline is **Dec. 20, 2021**. DPF plenary sessions will include a retrospective on “The Physics of Steven Weinberg”, as well as award sessions for the Panofsky, Sakurai, Primakoff, and Wilson Prizes, and much more.

We will also hold our annual public DPF business meeting, a community Town Hall, and a session on EDI (Equity, Diversity, and Inclusion) in Particle Physics.

Sekhar Chivukula, DPF Vice Chair

# Inaugural International Committee for Future Accelerators (ICFA) Instrumentation Awards

**Nomination Deadline: 21 January, 2022**

ICFA is pleased to announce the creation of the ICFA Instrumentation Awards. The Awards will be bestowed annually to recognize exceptional contributions to instrumentation that has advanced the field of particle physics.

The ICFA Instrumentation Early Career Award recognizes achievements in instrumentation made at an early career stage by an individual, or group of individuals, that has the promise to make, or has already made, an advance in the field of particle physics. The early career stage is taken to be 15 years from the award of the Ph.D. or other terminal degree, properly accounting for career interruptions.

The ICFA Instrumentation Award recognizes achievements in instrumentation by an individual, or a group of individuals, that has made an advance in the field of particle physics. This award recognizes either a technology development (examples from the past include the Multi-Wire Proportional Chamber or the Bubble chamber) or a multi-faceted contribution including a technology development and also one or more of the following: community organization, training, outreach or technology transfer.

## Submission Process

Individuals or groups of individuals are to be nominated by January 21, 2022 at <https://indico.cern.ch/event/1096159>. Self-nominations are not permitted. The nomination package must include the following:

- A nomination letter of not more than 10,000 characters;
- A biographical sketch or CV for each individual included in the nomination;
- A list of the most important publications pertaining to the nomination;
- At least two, but not more than three supporting letters of not more than 5,000 characters each.

Nominations will remain active for three years. The particle physics community is diverse and global, so the nominees should reflect this. The nomination of women and other underrepresented groups in the particle physics community is therefore strongly encouraged.

## Award Ceremony

The 2022 Award recipients will be invited to give a lecture at the 15th Pisa meeting on Advanced Detectors in Isola d'Elba in May 2022.

For the following three editions of the awards, the lectures will be held at:

- Technology and Instrumentation in Particle Physics (TIPP), Cape Town, South Africa 2023;
- 16th Pisa Meeting on Advanced Detector 2024;
- Vienna Instrumentation Conference 2025.

## Review and selection process

The review committee for the 2022 awards will be drawn from a pool consisting of members of the ICFA Instrumentation, Innovation and Development Panel and other instrumentation experts. The composition of the committee will be announced soon.

For questions about the awards please contact [ian.shipsey@cern.ch](mailto:ian.shipsey@cern.ch) (<https://icfa-iid.physics.ox.ac.uk/>).

Stuart Henderson  
Chair, ICFA <https://icfa.hep.net>

ICFA  
S. Henderson (Chair, USA), T. Schoerner-Sadenius (Secretary, Germany), K. Jakobs, F. Gianotti, T. Behnke (CERN Member States), N. Lockyer, J. Incandela, Z. Huang (USA), I. Koop, V. Obraztsov (Russia), Y. Wang (China), G. Taylor (Other Countries, Past Chair), I. Bediaga, S. Krishnagopal, (Other Countries), T. Mori, M. Yamauchi (Japan), M. Roney (Canada), H. Schellman (Chair of the IUPAP Commission on Particles and Fields (ex officio)).

ICFA Instrumentation, Innovation and Development Panel  
Didier Contardo (Lyon), Marcel Demarteau (ORNL), Bonnie Fleming (Yale), Francesco Forti (Pisa), Kazunori Hanagaki (KEK), Gerardo Herrera Corral (CINVESTAV), Peter Krizan (Ljubljana/JSI), Gobinda Majumder (TIFR), Petra Merkel (FNAL), Eugenio Nappi (Bari), Inkyu Park (Seoul), Fabrice Retière (TRIUMF), Felix Sefkow (DESY), Ian Shipsey (Chair, Oxford), Yuriy Tikhonov (BINP), Hongbo Zhu (IHEP).

## IUPAP C11- Early Career Scientist Prize 2022

**Nomination Deadline: 1 February, 2022**

The [Commission on Particles and Fields \(C11\)](#) of [IUPAP](#) (International Union of Pure and Applied Physics) solicits nominations of outstanding young experimental or theoretical particle physicists for the two 2022 Early Career Scientist Prizes.

The prizes, each consisting of an IUPAP medal and a cash (€1000) award, will be presented at the 41th International Conference on High Energy Physics, Bologna, Italy (<https://www.ichep2022.it/>) on July 6 - 13, 2022.

Candidates for the prize should have a maximum of 8 years of research experience (excluding career interruptions) following the PhD.

Nominations for the IUPAP Particles and Fields Early Career Scientist Prizes:

- can be made by experimental or theoretical particle physicists who know the work of the nominee well and include a citation statement,
- should consist of a minimum of two and a maximum of three letters explaining the nominee's qualifications and scientific achievements, a complete CV, and a list of publications, and
- include a proposed award citation of 50 words or less describing the contributions of the nominee.

Recipients of IUPAP Awards are expected to meet the commonly held standards of professional ethics and scientific integrity. Nominators should include a statement saying that, to the best of their knowledge, there are no concerns that IUPAP should be aware of regarding the nominee satisfying this expectation.

The nominator should collect the material and upload it at <https://academicjobsonline.org/ajo/jobs/20480>. All material should be submitted before February 1, 2022 at 12:00pm CET.

Florenca Canelli  
IUPAP C11 chair 2022-2025