

<http://iupap.org/commissions/c11-particles-and-fields>

# C11 Summary

August 10, 2019

<http://iupap.org/commissions/c11-particles-and-fields/>

8/9/2019

C11 - LP2019

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# C11 Membership

- **Officers**

**Chair: Heidi Schellman** (2011) (2014) (2017)

Email: [Heidi.Schellman@oregonstate.edu](mailto:Heidi.Schellman@oregonstate.edu)

**Vice-Chair: Mihoko Nojiri** (2014) (2017)

Email: [nojiri@post.kek.jp](mailto:nojiri@post.kek.jp)

**Secretary: Florencia Canelli** (2014) (2017)

Email: [canelli@physik.uzh.ch](mailto:canelli@physik.uzh.ch)

- **Members**

**Zhi-Zhong Xing** (2014) (2017)

Email: [xingzz@ihep.ac.cn](mailto:xingzz@ihep.ac.cn)

**Srubabati Goswami** (2017)

Email: [sruba@prl.res.in](mailto:sruba@prl.res.in); [sruba.goswami@gmail.com](mailto:sruba.goswami@gmail.com)

**Dezso Horvath** (2014) (2017)

Email: [horvath.dezso@wigner.mta.hu](mailto:horvath.dezso@wigner.mta.hu); [dezso.horvath@cern.ch](mailto:dezso.horvath@cern.ch)

**Azwinndini Muronga** (2017)

Email: [Azwinndini.Muronga@mandela.ac.za](mailto:Azwinndini.Muronga@mandela.ac.za)

**Johan Rathsman** (2017)

Email: [Johan.Rathsman@thep.lu.se](mailto:Johan.Rathsman@thep.lu.se)

**Antonio Zoccoli** (2017)

Email: [zoccoli@bo.infn.it](mailto:zoccoli@bo.infn.it)

**Raymond Volkas** (2014) (2017)

Email: [raymondv@unimelb.edu.au](mailto:raymondv@unimelb.edu.au)

**Marie-Helene Schune** (2017)

Email: [schunem@lal.in2p3.fr](mailto:schunem@lal.in2p3.fr)

**Sergio F. Novaes** (2014) (2017)

Email: [Sergio.Novaes@cern.ch](mailto:Sergio.Novaes@cern.ch)

**Alexander Sorin** (2017)

Email: [sorin@theor.jinr.ru](mailto:sorin@theor.jinr.ru)

**Brigitte Vachon** (2017)

Email: [Brigitte.Vachon@McGill.ca](mailto:Brigitte.Vachon@McGill.ca)

- **Associate Members 2015 – 2018**

**Eugenio Nappi** (2013)(2017)

Email: [eugenio.nappi@ba.infn.it](mailto:eugenio.nappi@ba.infn.it)

# What we do

Main activity is the supervision of international conferences as sponsored by IUPAP (ICHEP, LP, TIPP, etc..)

but also:

- Supervise the International Committee for Future Accelerators (ICFA)
- Reports on Authorship (2005) and Recognition in Large Collaborations (2008)
- Neutrino Panel (2018)
- Discussion on “ranking of large Collaborations” together with ICFA, EPS-HEP, etc..
- Young Scientist Prize at ICHEP (every two years)

# Major IUPAP policies

- Ensure the free movement of scientists
- Encourage accessibility, gender and national balance in physics
- Have policies to prevent harassment of individuals or groups at conferences
- Advice and reporting on achieving these goals.

# New ! Neutrino panel

Council was pleased to endorse the initiative **to create a Neutrino Panel**

*'to promote international cooperation in the development of an experimental program to study the properties of neutrinos and to promote international collaboration in the development of future neutrino experiments to establish the properties of neutrinos.'*

ICFA had a very successful panel on Accelerator based experiments

The new one reflects the full breadth of neutrino physics  
 $0\nu\beta\beta$ , supernovae, cosmic rays, accelerators ....

The panel is under way with Chairs Nigel Smith, Takaaki Kajita and Manfred Lindner

Goal is a report to IUPAP in late 2020.

# v-panel membership

M. Sajjad Athar	AMU, Aligarh, India
Steve Barwick	UCI Physics and Astronomy
Thomas Brunner	McGill University
Jun Cao	IHEP, Beijing
Mikhail Danilov	Lebedev Physical Inst., Russian Acad. of Sci.
Renata Zukanovich Funchal	University of São Paulo
Kunio Inoue	Tohoku University
Takaaki Kajita (+)	University of Tokyo
Marek Kowalski	DESY
Manfred Lindner (+)	Max Planck Institute for Nuclear Phys.
Ken Long	Imperial College, London
Nathalie Palanque-Delabrouille	CEA
Heidi Schellman	Oregon State University
Kate Scholberg	Duke University
Seon-Hee Seo	IBS, Center for Underground Physics
Nigel Smith (+)	SNOLAB
Walter Winter	DESY-Zeuthen
Sam Zeller	Fermilab

(+) Co-chairs

# LP2019 C11 meeting: conference organization

- We now have written guidelines on the C11 page  
<http://iupap.org/commissions/c11-particles-and-fields/c11-conference-guidelines/>

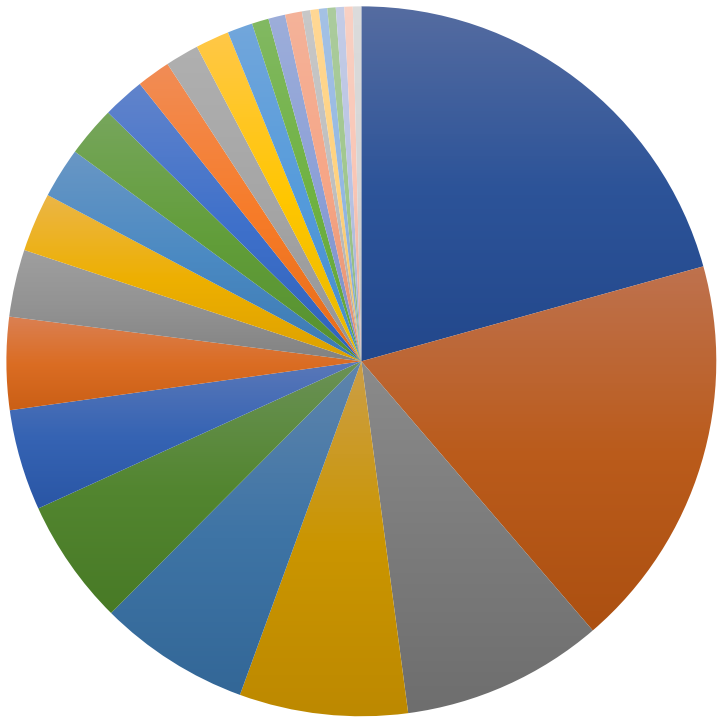
There are several classifications of IUPAP involvement  
<http://iupap.org/sponsored-conferences/>

- A – Very large international, 1 per year (ICHEP, Lepton Photon)
- B – Substantial international, topical (Neutrino, LHCP, CHEP ... )
- C – Smaller, regional or special (Baldin, History of the Neutrino)
- Endorsement – no funds

Sponsorship and Endorsement help in obtaining funding and visas for participants

# LP2019

• 265 participants



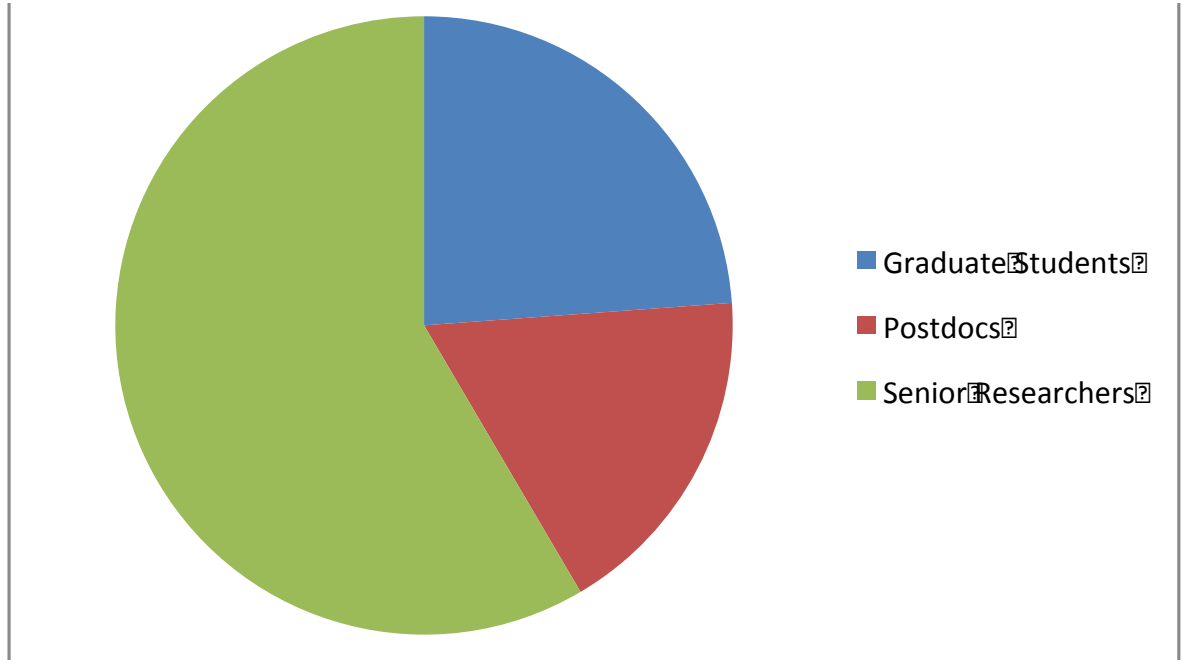
- Canada
- United States
- Japan
- China
- Germany
- Switzerland
- Italy
- United Kingdom
- Czech Republic
- Israel
- France
- Spain
- India
- Russian Federation

Country	Delegates
Canada	54
United States	47
Japan	24
China	20
Germany	18
Switzerland	15
Italy	12
United Kingdom	11
Czech Republic	8
Israel	7
France	6
Spain	6
India	5
Russian Federation	4
Belgium	4
Sweden	4
Korea Republic of	3
Mexico	2
Denmark	2
Brazil	2
Taiwan (ROC)	1
Greece	1
Poland	1
Portugal	1
Slovakia	1
Slovenia	1
Australia	1



# New ! Parallel talks

- 46 Plenary talks
- 78 Parallel talks
- 76 +/- 2 Posters



# Future conferences

## ICHEP

ICHEP 2008 – Philadelphia

ICHEP 2010 - Paris

ICHEP 2012 - Melbourne

ICHEP 2014 - Valencia

ICHEP 2016 - Chicago

ICHEP 2018 - Seoul

**ICHEP 2020 - Prague**

**ICHEP 2022 - Bologna**

## Lepton Photon

• LP 2007 - Daegu

• LP 2009 - Hamburg

• LP 2011 - Mumbai

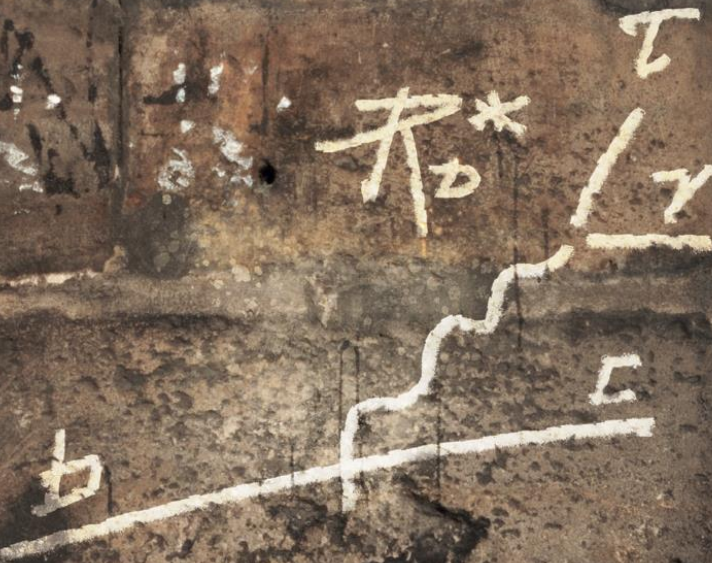
• LP 2013 - San Francisco

• LP 2015 - Ljubljana

• LP 2017 - Guangzhou

• LP 2019 - Toronto

• **LP 2021 - Manchester**



[ic hep2020.org](http://ic hep2020.org)



**40<sup>th</sup> ICHEP, 30 July – 5 August 2020**  
**Prague, Czech Republic**



# Lepton Photon 2021

@LP2021Mcr

30<sup>TH</sup> INTERNATIONAL SYMPOSIUM ON  
LEPTON PHOTON INTERACTIONS AT HIGH ENERGIES

9-14 AUGUST 2021





# 41st International Conference on High Energy Physics, (ICHEP 2022), Bologna

July 6-13 2022



Also

- IPAC20, Caen, Fr, May 11-15, 2020
- Neutrino 2020, Chicago, US, June 21-27, 2020
- TIPP 2020, Vancouver, Canada, TBA
- International Baldin Seminar, DUBNA, Russia, September 14-19, 2020

# Solicitation for 2023 and 2024

- IUPAP C11, Particles and Fields, is soliciting applications from institutions interested in hosting the **Lepton Photon Symposium in 2023** and the “Rochester Conference”, **ICHEP in 2024**.
- Interested parties should contact the C11 chair - Heidi Schellman (Heidi.schellman@oregonstate.edu). Written applications will be accepted until **June 1, 2020**.
- The application should contain information about the participating institutions, the local organizing committee, likely costs and locations and alternative funding sources. We expect to make a final decision on the locations at our meeting in August 2020.
- Please see <http://iupap.org/commissions/c11-particles-and-fields/c11-conference-guidelines/> for our full conference guidelines.

Coming soon:

## IUPAP Young Scientist Prizes

- Awarded every 2 years at ICHEP
- 63 nominations in 2018
- We will announce the competition in November
- Decision in February/March
- Winner gives a talk at ICHEP and receives a medal and a monetary prize.



# Thanks

- Many thanks to our hosts in Toronto!
- And all the excellent speakers and poster presenters