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

C11 Summary

August 10, 2019
C11 Membership

• **Officers**
  - Email: Heidi.Schellman@oregonstate.edu
  - **Vice-Chair**: Mihoko Nojiri (2014) (2017)
  - Email: nojiri@post.kek.jp
  - **Secretary**: Florencia Canelli (2014) (2017)
  - Email: canelli@physik.uzh.ch

• **Members**
  - Email: xingzz@ihep.ac.cn
  - **Sruba Goswami** (2017)
  - Email: sruba@prl.res.in; sruba.goswami@gmail.com
  - Email: horvath.dezso@wigner.mta.hu; dezso.horvath@cern.ch

• **Associate Members 2015 – 2018**
  - **Azwinndini Muronga** (2017)
    Email: Azwinndini.Muronga@mandela.ac.za
  - **Johan Rathsman** (2017)
    Email: Johan.Rathsman@thep.lu.se
  - **Antonio Zoccoli** (2017)
    Email: zoccoli@bo.infn.it
    Email: raymondv@unimelb.edu.au
  - **Marie-Helene Schune** (2017)
    Email: schunem@lal.in2p3.fr
    Email: Sergio.Novaes@cern.ch
  - **Alexander Sorin** (2017)
    Email: sorin@theor.jinr.ru
  - **Brigitte Vachon** (2017)
    Email: Brigitte.Vachon@McGill.ca
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.

8/9/19
**ν-panel membership**

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

8/9/19
LP2019

- 265 participants

<table>
<thead>
<tr>
<th>Country</th>
<th>Delegates</th>
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<tr>
<td>Canada</td>
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<tr>
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<td>India</td>
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<td>Russian Federation</td>
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<td>Korea Republic of</td>
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<td>Denmark</td>
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<td>Greece</td>
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<td>Slovenia</td>
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<tr>
<td>Australia</td>
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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
Also

- IPAC20, Caen, Fr, May 11-15, 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.

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