IUPAP-C11 report

38th INTERNATIONAL CONFERENCE ON HIGH ENERGY PHYSICS
AUGUST 3 - 10, 2016
CHICAGO

J. Fuster, IFIC-València on behalf of IUPAP-C11

ICHEP 2016, 10 August, Chicago, USA
C11 members 2015

• **Chair:**
  Juan Fuster, SPAIN

• **Vice Chair:**
  Heidi Schellman USA

• **Secretary:**
  Soo-Bong Kim, KOREA

• Raymond Volkas, AUSTRALIA
• Sergio Ferraz Novaes, BRAZIL
• Zhi-zhong Xing, CHINA
• Martin Schnabl, CZECH REPUBLIC

• Dezső Horváth, HUNGARY
• Amol Dighe, INDIA
• Mihoko Nojiri, JAPAN
• Vladimir Kekelidze, RUSSIA
• Johan Rathsman, SWEDEN
• Florencia Canelli, SWITZERLAND
• Mark Lancaster, UK

**Observers & associate members:**

• Karl-Heinz Kampert (Astroparticle physics C4)
• Eugenio Nappi (Nuclear physics, C12)
• Kok Khoo Phua, Singapore (Secretary General of IUPAP)
Main activity is supervision of international conferences

but also:

Supervise the International Committee for Future Accelerators (ICFA)


Young Scientist Prize at ICHEP (every two years)
Major concerns:

- Keep reasonable fee/accommodation to allow large participation (specially of young scientists).

- Gender balance (ICHEP 2016 in Chicago is an excellent example. It is possible)

- Ranking issue: excluding papers with large number of authors, i.e. greater than 1000). Joint statements being pursued with ICFA, EPS-HEP, C4 (astroparticle), C12 (Nuclear).

- New ideas to increase participation to the Lepton-Photon conference keeping its “spirit” of “plenary overview talks” (posters, satellite workshops, schools, etc..). None of them will work in any case if individual groups/team leaders don’t consider the conference relevant and agree to send their people –even if they don’t get talks-.
Lepton Photon 2015: Ljubljana

Attendance:
- ~220 attendees

Posters:
- 57 posters
- Organized in 3 groups
- On display during entire conference
- One of the groups staffed at coffee break
  - Each group presented twice
  - 6 posters upgraded to short oral
Conferences 2016: ICHEP

ICHEP2016 – August 3-10 2016
Chicago, USA

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<tr>
<th>Conveners &amp; Plenary talks</th>
<th>Attendees</th>
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<tbody>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,430 from 51 countries</strong></td>
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<tr>
<td>Female</td>
<td>Students (20%)</td>
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<td></td>
<td>Postdocs (21%)</td>
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<tr>
<td></td>
<td>Seniors (59%)</td>
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<tr>
<td>Gender</td>
<td>Female (20%)</td>
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<td>Male (80%)</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>64 conveners</strong></td>
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<tr>
<td>Female</td>
<td>Europe (31%)</td>
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<tr>
<td></td>
<td>Americas (39%)</td>
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<td></td>
<td>Asia (25%)</td>
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<td>Africa (6%)</td>
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<tr>
<td>Male</td>
<td>Americas: North + South (52%)</td>
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<tr>
<td></td>
<td>Europe (32%)</td>
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<tr>
<td></td>
<td>Asia + Pacific (15%)</td>
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<td></td>
<td>Africa (1%)</td>
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<tr>
<td>Gender</td>
<td>Female (36%)</td>
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<tr>
<td></td>
<td>Male (64%)</td>
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ICHEP 2016: outreach, public lecture, elevator speeches

1' Elevator speeches
- More than 100 people volunteered in a day
- 40 chosen (to be presented during plenary sessions)
Conferences 2016: Baldin Seminar

Alexander Mikhailovich Baldin
February 26, 1926 - April 29, 2001

(90th anniversary)

Devoted to the 90th anniversary of Academician A.M. Baldin
XXIII International Baldin Seminar
on High Energy Physics Problems
Relativistic Nuclear Physics & Quantum Chromodynamics

September 19 - 24, 2016, Dubna, Russia
2017: Lepton Photon in Guangzhou (China)
2017: TIPP in Beijing (China)
2017: EPS-HEP (Venice)
IUPAP-C11 sponsored conferences for 2017 (proposal)

- **Type A:**
  - ✓ Lepton Photon (Guangzhou, Aug. 7-12)

- **Type B:**
  - ✓ IPAC (Copenhagen, May. 14-19)

- **Type C:**
  - ✓ EPS-HEP (Venice, Jul. 5-12)
Future ICHEP and Lepton conferences

- Lepton Photon 2019:
  - ✓ Toronto (Canada)

- ICHEP 2020:
  - ✓ Prague (Czech Republic)
Past (recent) and future ICHEP & LP Conferences

- ICHEP 2008 - Philadelphia
- ICHEP 2010 - Paris
- ICHEP 2012 - Melbourne
- ICHEP 2014 - Valencia
- ICHEP 2016 - Chicago
- ICHEP 2018 - Seoul
- ICHEP 2020 - Prague

- LP 2007 - Daegu
- LP 2009 - Hamburg
- LP 2011 - Mumbai
- LP 2013 - San Francisco
- LP 2015 - Ljubljana
- LP 2017 - Guangzhou
- LP 2019 – Toronto
Young Scientist Prize 2016

Stefan Hoeche, SLAC, US
For developing high precision Monte Carlo simulations of events at hadronic colliders

Liangjian Wen, IHEP, China
For his original contributions to the physics of neutrinos, and in particular, to the discovery of the non-zero neutrino mixing angle $\theta_{13}$
Many thanks !!!

To Young-Kee and collaborators from the local organizing team for the excellent organization of the conference, the splendid physics programme and opportunity to visit Chicago.

**Congratulations** for the great attendance (over 1400) participants, well balanced gender participation and large number of grants to young researchers.
Lepton Photon 2017

See you next year in Guangzhou