



## Many thanks to our hosts in Seoul!

The Local Organizing Committee

The many dedicated Staff members who assisted us
The strong support from the Korean Physics community
The strong support from Korean politicians and industry
The wonderful Korean culture presentations





## C11 Membership

#### Officers

Chair: Heidi Schellman (2011) (2014)

(2017)**Email:** 

Heidi.Schellman@oregonstate.edu

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

Email: noiiri@post.kek.ip

**Secretary: Florencia Canelli** (2014)

(2017)

Email: canelli@physik.uzh.ch

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

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Johan Rathsman (2017) Email: Johan.Rathsman@thep.lu.se

Antonio Zoccoli (2017) Email: zoccoli@bo.infn.it

**Raymond Volkas** (2014) (2017) Email: raymondv@unimelb.edu.au

Marie-Helene Schune (2017) Email: schunem@lal.in2p3.fr

Sergio F. Novaes (2017)

Email: Sergio.Novaes@cern.ch

Alexander Sorin (2017) Email: sorin@theor.iinr.ru

**Brigitte Vachon** (2017)

Email: Brigitte.Vachon@McGill.ca

#### Associate Members 2015 – 2018

Eugenio Nappi (2013) Email: 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).
- 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 gender and national balance in physics
- Have policies to prevent harassment of individuals or groups at conferences

Advice and reporting



## 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 will reflect the full breadth of neutrino physics

The panel is in the process of formation with Chairs Nigel Smith, Takaaki Kajita and Manfred Lindner





# ICHEP2018 C11 meeting mainly conference organization

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

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

- 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)

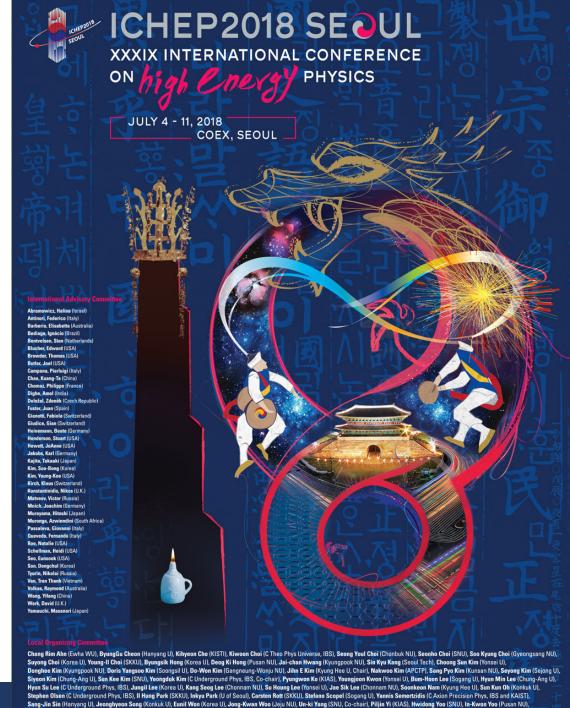
Endorsement – no funds

Sponsorship and Endorsement help in obtaining funding and visas for participants



## ICHEP2018

- 1160 participants
- 105 travel grants



Jonghee Yoo (C Axion Precision Phys, IBS and KAIST), Jin-Hee Yoon (Inha U), Intae Yu (SKKU)





#### 4. Participants



#### 4-3. Attendees

| Category              | 1160 from 64 countries  |      |         |
|-----------------------|-------------------------|------|---------|
| Continents            | Africa                  | 25   | 2.16%   |
|                       | Americas: North + South | 145  | 12.50%  |
|                       | Asia + Pacific          | 574  | 49.48%  |
|                       | Europe                  | 416  | 35.86%  |
|                       | Total                   | 1160 | 100.00% |
| Gender                | Female                  | 269  | 23.19%  |
|                       | Male                    | 891  | 76.81%  |
|                       | Total                   | 1160 | 100.00% |
| Registration Category | Standard                | 868  | 74.83%  |
|                       | Student                 | 292  | 25.17%  |
|                       | Total                   | 1160 | 100.00% |



#### 5. Conveners and plenary speakers



#### 5-1. Conveners

| Gender | Female | 16 | 26.67% |
|--------|--------|----|--------|
|        | Male   | 44 | 73.33% |
|        | Total  | 60 | 100%   |

#### 5-2. Plenary Speakers

| Gender    | Female                  | 11 | 26.83%  |
|-----------|-------------------------|----|---------|
|           | Male                    | 30 | 73.17%  |
| Continent | Total                   | 41 | 100.00% |
|           | Africa                  | 1  | 2.44    |
|           | Asia                    | 10 | 24.39   |
|           | Europe                  | 18 | 43.90   |
|           | Americas: North + South | 9  | 21.95   |
|           | Oceania                 | 3  | 7.3     |
|           | Total                   | 41 | 100.00  |



## Future conferences



## Conference scheduling

#### **ICHEP**

ICHEP 2008 – Philadelphia

ICHEP 2010 - Paris

ICHEP 2012 - Melbourne

ICHEP 2014 - Valencia

ICHEP 2016 - Chicago

ICHEP 2018 - Seoul

ICHEP 2020 - Prague

ICHEP 2022 - ?

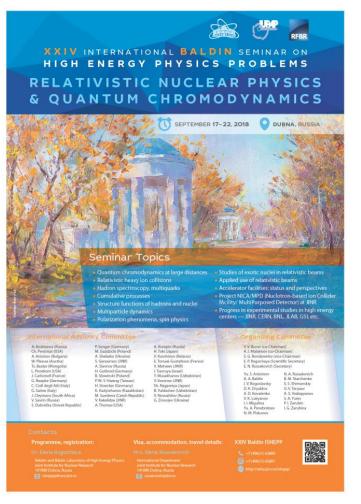
#### **Lepton Photon**

- LP 2007 Daegu
- LP 2009 Hamburg
- LP 2011 Mumbai
- LP 2013 San Francisco
- LP 2015 Ljubljana
- LP 2017 Guangzhou
- LP 2019 Toronto
- LP 2021 ?

#### **XXIV International Baldin Seminar:**

## Relativistic Nuclear Physics & Quantum Chromodynamics

(series of biennial International Seminars)
September 17-22, 2018, JINR, Dubna, Russia



http://relnp.jinr.ru/ishepp/

#### **Seminar Topics**

- QCD at large distances
- Relativistic heavy ion collisions
- Hadron spectroscopy, multiquarks
- Structure functions of hadrons and nuclei
- Dynamics of multiparticle production
- Polarization phenomena, spin physics
- Studies of exotic nuclei
- Applied use of relativistic beams



#### LEPTON-PHOTON 2019

XXIX INTERNATIONAL SYMPOSIUM ON LEPTON-PHOTON INTERACTIONS AT HIGH ENERGIES

5-10 August 2019, Westin Harbour Castle Hotel Toronto, Canada http://www.leptonphoton2019.ca

new format including one day of parallel sessions

## Webpage Ihcp2019.buap.mx





#### INTERNATIONAL **ADVISORY** COMMITTEE

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#### SCIENTIFIC SECRETARIES

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#### CONFERENCE CHAIRS

A. Nisati (INFN)

J. Olsen (PRINCETON UNIV.)

A. Fernández Téllez (BUAP)

I. Bautista (BUAP)

B. Mansoulie

INTERNATIONAL CO-CHAIR

G. Mitselmakher - IAC DEPUTY CHAIR



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



## Solicitation for 2021 and 2022

- IUPAP C11, Particles and Fields, is soliciting applications from institutions interested in hosting the Lepton Photon Symposium in 2021 and the "Rochester Conference", ICHEP in 2022.
- Interested parties should contact the C11 chair Heidi Schellman (Heidi.schellman@oregonstate.edu). Written applications will be accepted until November 1, 2018.
- 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 by the end of 2018.
- Please see <a href="http://iupap.org/commissions/c11-particles-and-fields/c11-conference-guidelines/">http://iupap.org/commissions/c11-particles-and-fields/c11-conference-guidelines/</a> for our full conference guidelines.





# IUPAP Young Scientist Prizes

Awarded every 2 years at ICHEP 63 nominations this year!





## Young Scientist Prize



## Jaroslav Trnka University of California, Davis

"For the discovery and exploration of new physical and mathematical principles underlying the dynamics of particle scattering amplitudes in a wide range of theories."



## Young Scientist Prize



#### Heather Gray Lawrence Berkeley Laboratory

"For her broad and creative contributions as well as leadership in performance and physics analysis in the ATLAS experiment and beyond, culminating in her strong role in the searches and initial measurements of Higgs boson interactions with quarks."