

An aerial photograph of a city skyline, likely Seoul, South Korea, featuring a dense cluster of skyscrapers and a large green park area in the foreground. The sky is filled with dramatic, layered clouds, with sunlight breaking through in several places, creating a high-contrast, atmospheric scene. The text 'C11 Summary' is overlaid in a large, bold, black font, and 'July 11, 2018' is overlaid in a smaller, black font below it.

C11 Summary

July 11, 2018

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

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: nojiri@post.kek.jp

Secretary: Florencia Canelli (2014) (2017)

Email: canelli@physik.uzh.ch

- **Members**

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Srubabati Goswami (2017)

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Dezso Horvath (2014) (2017)

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Azwinndini Muronga (2017)

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Johan Rathsman (2017)

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Antonio Zoccoli (2017)

Email: zoccoli@bo.infn.it

Raymond Volkas (2014) (2017)

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Marie-Helene Schune (2017)

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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
<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

ICHEP2018

- 1160 participants
- 105 travel grants



The poster for ICHEP2018 Seoul features a vibrant, abstract design with swirling lines in red, blue, and yellow, set against a dark blue background with faint Korean calligraphy. A central image shows a traditional Korean palace (Gyeongbokgung) at night, surrounded by a glowing, multi-colored ring. The top left corner displays the ICHEP2018 Seoul logo, and the top right corner contains the conference title and dates. The bottom left corner lists the names and affiliations of the International and Local Organizing Committees. The bottom right corner provides contact information for the organizing bodies.

ICHEP2018 SEOUL
XXXIX INTERNATIONAL CONFERENCE
ON *high Energy* PHYSICS

JULY 4 - 11, 2018
COEX, SEOUL

International Advisory Committee

Abramowicz, Malina (Israel)
Antinori, Federico (Italy)
Barberio, Elisabetta (Australia)
Bediaga, Ignacio (Brazil)
Bentvelsen, Stan (Netherlands)
Blucher, Edward (USA)
Browder, Thomas (USA)
Butler, Joel (USA)
Campana, Pierluigi (Italy)
Chao, Kuang-Ta (China)
Chomaz, Philippe (France)
Dighe, Amol (India)
Doležal, Zdeněk (Czech Republic)
Fuster, Juan (Spain)
Gianotti, Fabiola (Switzerland)
Gladstone, Gian (Switzerland)
Hainemann, Beate (Germany)
Henderson, Stuart (USA)
Hewett, JoAnne (USA)
Jakobs, Karl (Germany)
Kajita, Takaaki (Japan)
Kim, Soo-Bong (Korea)
Kim, Young-Kee (USA)
Kirch, Klaus (Switzerland)
Konstantinidis, Nikos (U.K.)
Matveev, Victor (Russia)
Mnich, Joachim (Germany)
Murayama, Hitoshi (Japan)
Muronga, Azwinnndini (South Africa)
Passaleva, Giovanni (Italy)
Quaravita, Fernando (Italy)
Rohr, Natalie (USA)
Schellman, Heidi (USA)
Seo, Eansook (USA)
Son, Dongchul (Korea)
Tyarin, Nikolai (Russia)
Van, Tran Thanh (Vietnam)
Volks, Raymond (Australia)
Wang, Yifang (China)
Wark, David (U.K.)
Yamauchi, Masanori (Japan)

Local Organizing Committee

Chang Rim Ahn (Ewha WU), ByungGu Cheon (Hanyang U), Kihyeon Cho (KISTI), Kiwoon Choi (C Theo Phys Unvrsae, IBS), Seong Yool Choi (Chonbuk NU), Seonho Choi (SNU), Seo Kyung Choi (Gyeongang NU), Suyong Choi (Korea U), Young-Ji Choi (SKKU), Byungsik Hong (Korea U), Deog Ki Hong (Pusan NU), Jai-chan Hwang (Kyungpook NU), Sin Kyu Kang (Seoul Tech), Choong Sun Kim (Yonsei U), Donghee Kim (Kyungpook NU), Doris Yangsoo Kim (Soongsil U), Do-Won Kim (Gangneung-Wonju NU), Jihe E Kim (Kyung Hee U, Chair), Nakwoo Kim (APCTP), Sang Pyo Kim (Kunsan NU), Seyoung Kim (Sejong U), Siyeon Kim (Chung-Ang U), Sun Kee Kim (SNU), Yeongduk Kim (C Underground Phys, IBS, Co-chair), Pyungwon Ko (KIAS), Youngjoon Kwon (Yonsei U), Bum-Hoon Lee (Sogang U), Hyun Min Lee (Chung-Ang U), Hyun Sa Lee (C Underground Phys, IBS), Jungil Lee (Korea U), Kang Seog Lee (Chonnam NU), Su Hwang Lee (Yonsei U), Jae Sik Lee (Chonnam NU), Soenkon Nam (Kyung Hee U), Sun Kun Oh (Konkuk U), Stephen Olsen (C Underground Phys, IBS), Il Hung Park (SKKU), Inkyu Park (U of Seoul), Carsten Rott (SKKU), Stefano Scopel (Sogang U), Yannis Semertzidis (C Axiom Precision Phys, IBS and KAIST), Sang-Jin Shin (Hanyang U), Jeonghyeon Song (Konkuk U), Eunil Won (Korea U), Jong-Kwan Woo (Jeju NU), Un-Ki Yang (SNU, Co-chair), Piljin Yi (KIAS), Hwidong Yoo (SNU), In-Kwon Yoo (Pusan NU), Jonghee Yoo (C Axiom Precision Phys, IBS and KAIST), Jin-Hee Yoon (Inha U), Intae Yu (SKKU)

Organized by IUPAP / C11 Hosted by IBS and KPS ICHEP2018 Secretariat: ichep2018@inseon.co.kr Website: www.ichep2018.org

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%
	Total	41	100.00%
Continent	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

XXIV INTERNATIONAL BALDIN SEMINAR ON HIGH ENERGY PHYSICS PROBLEMS
RELATIVISTIC NUCLEAR PHYSICS & QUANTUM CHROMODYNAMICS

SEPTEMBER 17–22, 2018 | DUBNA, RUSSIA

Seminar Topics

- Quantum chromodynamics at large distances
- Relativistic heavy ion collisions
- Hadron spectroscopy, multiquarks
- Cumulative processes
- Structure functions of hadrons and nuclei
- Multiparticle dynamics
- Polarization phenomena, spin physics
- Studies of exotic nuclei in relativistic beams
- Applied use of relativistic beams
- Accelerator facilities: status and perspectives
- Project NICA/MPD (Nuclotron-based Ion Collider Facility/ Multi-Purposed Detector) at JINR
- Progress in experimental studies in high energy centers — JINR, CERN, BNL, JLAB, GSI, etc.

International Advisory Committee

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LP 2019

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
lhcp2019.buap.mx



The poster features a central image of the LHC tunnel with a stylized network logo in the center. The text 'LHCP CONFERENCE 2019' is prominently displayed. At the top, a row of logos for various institutions is shown. At the bottom, the conference title and dates are listed.

SPONSORS

**LHCP
CONFERENCE
2019**

THE 7TH CONFERENCE ON LARGE HADRON COLLIDER PHYSICS

May 20th - 25th, 2019

PUEBLA - BUAP

Registration: www.lhcp2019.buap.mx

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J. Olsen (PRINCETON UNIV.)
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I. Bautista (BUAP)
B. Mansoulié
INTERNATIONAL CO-CHAIR
G. Mitselmakher - IAC DEPUTY CHAIR



40th 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 <http://iupap.org/commissions/c11-particles-and-fields/c11-conference-guidelines/> 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.”