
PLAN FOR

NuFACT 2019

THE 21ST INTERNATIONAL WORKSHOP ON
NEUTRINOS FROM ACCELERATORS

DAEGU, KOREA

August 26 – August 31, 2019

<http://nufact2019.knu.ac.kr>



CONTENTS

1. ORGANIZATION
2. VENUE & DATES
3. ACCOMMODATIONS & MEALS
4. BUDGET
5. TIMELINE & IMPORTANT DATES

NuFact 2019

Daegu, Republic of Korea
AUG 26 - 31, 2019

The 21st International Workshop on Neutrinos from Accelerators

SCIENTIFIC PROGRAM COMMITTEE

Alan Bondi, University of Geneva, Switzerland
Alex Borgia, JLAB, USA
Sofiana Bordoni, CERN, Switzerland
Alan Bross, FNAL, USA
Helio da Mota, CBPF, Brazil
Chris Deshaies, STFC, UK
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Francisco D. Ledrovi, Queen Mary University, UK
Marcos D'Onofrio, IN2P3, France
Masahito Endo, Japan, University of Tokyo, Japan
Masaaki Endo, Japan, University of Tokyo, Japan
Dobroch Hertz, FNAL, USA
Patrick Huber, Virginia Tech, USA
Ernesto Kemp, UNICAMP, Brazil
Takaaki Kobayashi, KEK, Japan
Tadaaki Kobayashi, KEK, Japan
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Jorge Morfin, FNAL, USA
Jeff Nelson, College of William & Mary, USA
Vittorio Palladino, INFN, Napoli, Italy
Angelika Papa, PSI, Switzerland
Ewa Rendow, CERN, Switzerland
Paul Selzer, University of Glasgow, UK
Hirotaka Tanaka, University of Toronto, Canada
Francesco Terranova, University Milano-Bicocca, Italy

WORKING GROUP CONVENERS

W01: Neutrino Oscillations
Jimming Bai, University of California, Irvine, USA
Miao He, IHEP, China
Neill, McCauley, University of Liverpool, UK
W02: Neutrino Scattering Physics
Aashita Minamino, Yokohama University, Japan
Nateia Pachowicz, University of Guelph, Belgium
Gabriel Perdue, FNAL, USA
W03: Accelerator Physics
Matsudai Esheng, ESS, Sweden
Ben Freeman, Northern Illinois University, USA
Tetsuo Saitoguchi, KEK, Japan
W04: Muon Physics
Craig Group, University of Virginia, USA
Myoungjae Lee, IBS, Korea
Frederik Wasth, University of Mainz, Germany
W05: Neutrino beyond BNS
Santip Agrawal, IOP Bhuvanagar, India
Walter Bernabetti, INFN Cagliari, Italy
Pedro Machado, FNAL, USA

LOCAL ORGANIZING COMMITTEE

Hongjoon Kim, Kyungpook National University (Chair)
Yongsook Oh, Kyungpook National University (Scientific Secretary)
Kiwon Choi, KISTI
Hyun-Suk Jo, Kyungpook National University
Kyung Kwang Jo, Chonnam National University
Sim Kwi Kang, Seoul Tech
Hyunsun Kim, Sejong University
Ihwe Sung Lee, KAIST
Jin-Ho Lee, Institute for Basic Science
Sangwon Lee, Kyungpook National University
Chang-Seong Moon, Kyungpook National University
Yoonmi Oh, Institute for Basic Science
Gyeon Bort, Sungkyunkwan University
Sunny Seo, Institute for Basic Science
Unki Yang, Seoul National University
Jongheon Yoo, KAIST
Chunil Yeon, Gyeongsang National University
Ilhae Yu, Sung Kyunkwan University

Email nufact2019-loc@cern.ch Website <https://nufact2019.knu.ac.kr>

Kyungpook National University
Center for High Energy Physics

HEP photo provided by Daegu water sports city

Amin Boudjalid, University of Geneva, Switzerland
Amin Feroz, FNAL, USA
Andreas Beck, CERN, Switzerland
Hélène de Montis, CERN, Brazil
Chris Dearnham, STFC, UK
Albert David, CERN, Switzerland
Francisco Delgado, Queen Mary University,
London, UK
Mauricio Fernandez, FNAL, France
Dimitry Goussier, FNAL, France
David Goodman, FNAL, USA
Deborah Harris, FNAL, USA
Patrick Huber, Virginia Tech, USA
Ernesto Kemp, UNICAMP, Brazil
Takaaki Kobayashi, KEK, Japan
Masahito Koga, KEK, Japan
Ken-ichi Morita, Tohoku College, Japan
Marco Mori, FNAL, USA
Tsuyoshi Nakaya, Kyoto University, Japan
John Nollan, College of William & Mary, USA
Vittorio Palmonella, INFN-INFN, Italy
Enrico Piccarini, CERN, Switzerland
Paul Sölk, University of Glasgow, UK
Theresa Tegenova, University of Toronto, Canada
Francesca Teranova, University Milano-Bicocca, Italy

W63: Neutrino Oscillations
Masaaki Hagiwara, University of California, Irvine, USA
Ming He, IHEP, China
Neil McCullough, University of Liverpool, UK

W62: Neutrino Scattering Physics
Akhiro Matsumoto, Tohoku University, Japan
Janet J. Radcliffe, University of Chien, Belgium
Gail R. Pospelov, FNAL, USA

W63: Accelerator Physics
Mamud Elmag, ESS, Sweden
Ben Freestone, Northern Illinois University, USA
Tetsuro Sugitoku, KEK, Japan

W64: Nuclear Physics
Michael J. Leitch, University of Virginia, USA
Marcelo José dos Santos, IFPA, Brazil
Frederik Wauters, University of Mainz, Germany

W65: Neutronics beyond AMS
Santib Aguilera, INI Cinquantes, India
Walter Bonaventura, CNR Frascati, Italy
Pedro Machado, FNAL, USA

WGS, Neuroimaging, Neuromodulation
 Michael J. Hallett, California, Irvine, USA
 Michael J. Hallett, California, Irvine, USA
 Neil McCulloch, University of Liverpool, UK

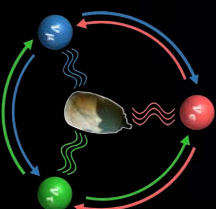
WGS, Neuroimaging, Speech Disorders
 Akihiro Mikiyama, Yokohama University, Japan
 Anne J. Jacobowitz, University of Ghent, Belgium
 Gabriel Pereda, FNU, USA

WGS, Accidents/Injury
 Marnard Estrada, ESS, Sweden
 Ben Freeman, Northern Illinois University, USA
 Tetsuro Sengulchik, KEK, Japan

WGS, Motion Physics
 Michael J. Hallett, California, Irvine, USA
 Michael J. Hallett, California, Irvine, USA
 Frederik Wouters, University of Mainz, Germany

WGS, Neuroimaging, Beyond Pain
 Sanjay Agarwal, INR, Bucharest, India
 Walter Bonaventura, INFN, Trieste, Italy
 Pedro Machado, FNU, USA

Hongjoon Kim, Kyungpook National University, Graduate School of Science
 Kihwan Cho, KIST
 Hyun-Sik Jo, Kyungpook National University
 Kyung Kwang Jo, Chonnam National University
 Sin Kyu Kang, Seoul Tech
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 Youmin Oh, Institute for Basic Science
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 Sunny Song, Institute for Basic Science
 Jinhwan Yoo, Seoul National University
 Yoonhyun Yoo, KIST
 Chulmin Yoo, Gangneung National University
 Inhae Yoo, Sungkyunkwan University



1. ORGANIZATION

HOSTING INSTITUTIONS

- Kyungpook National University, Daegu, Korea (<http://en.knu.ac.kr/main/main.htm>)
- Center for High Energy Physics (<http://chep.knu.ac.kr>)
- Department of Physics (<http://physics.knu.ac.kr>)
- Institute for High-Energy and Nano-Physics Research and Education (<http://bkphysics.knu.ac.kr>)

COHOSTING INSTITUTIONS

- Asia Pacific Center for Theoretical Physics, Pohang, Korea (<https://apctp.org>)

LOCAL ORGANIZING COMMITTEE

Hongjoo Kim (Chair, Kyungpook National Univ.)
Yongseok Oh (Secretary, Kyungpook National Univ.)
Kohyeon Cho (KISTI)
Hyon-Suk Jo (Kyungpook National Univ.)
Kyung Kwang Joo (Chonnam National Univ.)
Hyunsoo Kim (Sejong Univ.)
Siyeon Kim (Chung-Ang Univ.)
Soo-Bong Kim (Seoul National Univ.)
Hyesung Lee (KAIST)
Myeongjae Lee (IBS)
Sehwook Lee (Kyungpook National Univ.)
Chang-Seong Moon (Kyungpook National Univ.)
Yoomin Oh (IBS)
Carsten Rott (Sungkyunkwan Univ.)
Sunny Seo (IBS)
Un-ki Yang (Seoul National Univ.)
Jonghee Yoo (KAIST)
Chunsil Yoon (Gyeongsang National Univ.)
Intae Yu (Sungkyunkwan Univ.)

Contact : Hongjoo Kim (hongjoo@knu.ac.kr), Yongseok Oh (yohphy@knu.ac.kr)

2. WORKSHOP HOMEPAGE

<http://nufact2019.knu.ac.kr>

The members of SPC, IAC, Conveners are from the homepage of NuFACT201 and will be updated.

2. VENUE & DATES

Venue: The Grand Hotel Daegu, Korea

1 big conference hall and 4 middle size halls are reserved with a computer room.

Address: 305, Dongdaegu-ro, Suseong-gu, Daegu 42117, Korea

Homepage: http://www.daegugrand.co.kr/grand_eng/main/

Dates: 26th August (Mon) - 31st August (Sat), 2019



TRANSPORTATION



1. Airplane (Daegu airport)

Daegu has an international airport which connect several cities in Asia. If you fly from Asian countries such as Beijing, Tokyo Narita, Bangkok, direct flight to Daegu (TAE) will be a good choice. If you will land on Incheon/Seoul airport, you can transfer for the flight to Daegu which is operated by Korean Air (two times per day).

2. Airplane (Incheon/Seoul airport)

If you fly to Incheon/Seoul airport by other than Korean Air, you may need to use ground transportation to Daegu. You may use a limousine bus to Dong-Daegu Bus Terminal or use subway to Seoul Station to take a KTX (express train) to Dong-Daegu Station.

3. Airplane (Busan airport)

If you fly to Busan airport, you need to take a limousine bus to Dong-Daegu Bus Terminal. The bus is at every 30-40 minutes and it will take about 1 hour.

4. KTX (express train)

You can find the schedule and purchase the tickets at http://www.letskorail.com/ebizbf/EbizbfForeign_pr16100.do?gubun=1



Participants from the countries listed below do not need to have a visa to enter Korea. Please contact local Korean Consulate for details.

Continents		Countries		
112 countries	Asia (9 countries)	Brunei Macau Singapore	Hong Kong Malaysia Taiwan	Japan New Zealand Thailand
	America (32 countries)	Antigua and Barbuda Barbados Chile Costa Rica El Salvador Guyana Jamaica Panama Saint Kitts and Nevis Suriname United States	Argentina Brazil Colombia Dominican Republic Grenada Haiti Mexico Paraguay Saint Lucia Trinidad and Tobago Uruguay	Bahamas Canada Commonwealth of Dominica Ecuador Guatemala Honduras Nicaragua Peru Saint Vincent and the Grenadines Venezuela
	Europe (42 countries)	Albania Belgium Croatia Denmark France Hungary Italy Latvia Monaco Norway Romania Serbia Spain Turkey	Andorra Bosnia-Herzegovina Cyprus Estonia Germany Ireland Liechtenstein Luxemburg Montenegro Poland Russia Slovakia Sweden UK	Austria Bulgaria Czech Republic Finland Greece Iceland Lithuania Malta Netherlands Portugal San Marino Slovenia Switzerland Vatican
	Oceania (13 countries)	Australia Kiribati Nauru Samoa Tuvalu	Fiji Marshall Islands New Caledonia Solomon Islands	Guam Micronesia Palau Tonga
	Middle East and Africa (16 countries)	Bahrain Kuwait Mauritius Qatar South Africa United Arab Emirates	Egypt Lesotho Morocco Saudi Arabia Swaziland	Israel Liberia Oman Seychelles Tunisia

3. ACCOMMODATIONS & MEALS

The venue, The Grand Hotel Daegu, offers various types of rooms from luxury class to business class. Through the negotiation with the hotel, we expect that we can book the rooms at the reduced cost of around \$ 100-120 per night. In addition, there are many cheap nearby hotels at the cost of about \$ 50-70 per night. Some of them are within walking distances and others can be reached by subway (about \$ 1.00 per trip) from the workshop venue.

During the workshop, complimentary lunches will be offered to all participants. There are many tasting restaurants around the venue and the participants can enjoy various foods at reasonable prices. In most hotels, breakfasts are included and the registration fee includes reception and the workshop banquet as well as the excursion fees as described in the next page.

4. BUDGET

- **Funding (income)**

Support from CHEP@KNU, APCTP, SNU

Registration fee

\$ 450: early registration fee

\$ 550: regular registration fee

Exemption: mostly students and young researchers upon request (up to 30 people)

Expected number of participants: 150 (abroad) + 50 (domestic)

- **The registration fee includes**

Workshop reception (Sunday evening)

Workshop banquet

Lunches (from Monday to Saturday)

Coffee break refreshments

Excursion

Proceedings: to be published by PoS, no printed hardcopy

- **We also support**

SPC-LOC dinner

5. TIMELINE & IMPORTANT DATES

~ 10. Feb.: 1st announcement and opening homepage

mid Feb.: Poster distribution

late Feb. - early Mar.: Beginning early registration and abstract submission

1. May: Abstract submission deadline for oral presentation in Working Groups

30. June: Early registration deadline

early July: Final guide to all participants

late July: Finalize programs

early Aug.: NuFact2019 remind email