

SECOND CIRCULAR OF ISPUN17
REGISTRATION AND CALL FOR ABSTRACTS

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The International Symposium on Physics of Unstable Nuclei 2017 (ISPUN17)

Halong City, Vietnam, September 25 – 30, 2017,

<https://ispun.vn/>

<https://www.facebook.com/groups/ispun.vn/>

The International Symposium on Physics of Unstable Nuclei 2017 (ISPUN17) will be held in Halong Bay (Vietnam) from September 25th to September 30th, 2017, to mark 15 years of the ISPUN series which started in 2002 with ISPUN02 held in the same location. ISPUN17 is organized by the Institute for Nuclear Science and Technology (INST) and Institute of Physics (IOP) in Hanoi, and French counterparts in the collaboration in nuclear physics research between IPN Orsay (CNRS), IRFU (CEA) of France and INST, IOP of Vietnam. It is officially supported and endorsed by Ministry of Science & Technology of Vietnam (MOST), Vietnam Academy of Science and Technology (VAST), CNRS, Helmholtz International Center for FAIR, and Asian Nuclear Physics Association (ANPhA). Like previous ISPUN meetings, ISPUN17 is aimed at bringing together not only leading nuclear physics researchers but also young physicists and post-graduate students currently involved in the forefront research in nuclear physics for the exchange of new ideas, information, and presentation of the latest research results.

International advisory board of ISPUN17

Nicolas Alamanos (IRFU, CEA Saclay), Thomas Aumann (GSI and TU Darmstadt), Faical Azaiez (IThemba LABS), Gianluca Colo (Milano), Sydney Gales (IPN Orsay), Martin Freer (Birmingham), Robert Janssens (ANL, Argonne), Yoshiko Kanada-En'yo (Kyoto), Shigeru Kubono (Tokyo), Marek Lewitowicz (GANIL), Bao-An Li (Texas), Weiping Liu (CIAE, Beijing), Adam Maj (Krakow), Jie Meng (PKU, Beijing), Tohru Motobayashi (RIKEN),

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Organizing committee

Dao Tien Khoa (INST Hanoi), Nguyen Van Giai (IPN Orsay), Fadi Ibrahim (IPN Orsay), Phan Viet Cuong (IOP Hanoi), Alexandre Obertelli (IRFU, CEA Saclay), and Le Hong Khiem (IOP Hanoi).

Topics of ISPUN17 and tentative list of invited speakers

(*) to be confirmed

a) Nuclear Structure: latest experimental results on structure of exotic nuclei, nuclear cluster states, and superheavy nuclei; further developments of the theoretical approaches: the shell model, non-relativistic and covariant energy density functionals, QRPA, and microscopic few-body models...

Naftali Auerbach (Tel Aviv University)	Klaus Blaum (MPI Heidelberg)
Angela Bracco (University of Milan)	Pieter Doornenbal (RIKEN)
Ronald Fernando Garcia Ruiz (Manchester)	Danilo Gambacurta (ELI-NP) (*)
Marcella Grasso (IPN Orsay)	Gaute Hagen (Univ. of Tennessee)
Elias Khan (IPN Orsay)	Masaaki Kimura (Hokkaido Univ.)
Bira van Kolck (IPN Orsay)	Haozhao Liang (RIKEN)
Wen-Hui Long (Lanzhou Univ.)	Javier Menendez (Univ. of Tokyo)
Jie Meng (PKU Beijing)	Kei Minamisono (MSU, NSCL)
Hitoshi Nakada (Chiba University)	Peter Navratil (TRIUMF)
Sophie Peru-Desenfans (CEA/DAM)	Xavier Roca-Maza (Univ. of Milan)
Hiroyuki Sagawa (RIKEN)	Peter Schuck (IPN Orsay)
Achim Schwenk (TU Darmstadt) (*)	Olivier Sorlin (GANIL)
Atsushi Tamii (RCNP Osaka)	Anthony Thomas (Adelaide, ANPhA)
Marine Vandebrouck (IRFU, CEA)	David Verney (IPN Orsay)

Victor Voronov (JINR Dubna)
Xiaofei Yang (KU Leuven)

Furong Xu (PKU Beijing, ANPhA)
Shan-Gui Zhou (ITP/CAS Beijing)

b) Nuclear Reactions and Decays: new experiments on the nuclear reactions induced by stable and unstable beams, nuclear fusion and fission, nuclear decay; DWBA, DWIA and coupled reaction channel studies of the direct quasi-elastic scattering in both direct and inverse kinematics; heavy-ion collision dynamics, impact of the isospin and nuclear symmetry energy in different nuclear reaction processes.

Christian Beck (Strasbourg)	Angelo Calci (TRIUMF) (*)
Anna Corsi (IRFU, CEA)	Pawel Danielewicz (MSU, NSCL)
Pierre Descouvemont (Brussel)	Peter Egelhof (GSI Darmstadt)
Hans Fynbo (Aarhus University)	Umesh Garg (Notre Dame) (*)
Kouichi Hagino (Tohoku Univ.) (*)	Mahir Hussein (São Paulo) (*)
Maria Kmieciak (IFJ PAN Krakow)	Tzany Kokalova (Birmingham)
Denis Lacroix (IPN Orsay) (*)	Tohru Motobayashi (RIKEN, ANPhA)
Tetsuya Murakami (Kyoto Univ.)	Ong Hoo Jin (RCNP Osaka)
Grigory Rogachev (Texas A&M)	Takehiko R. Saito (GSI Darmstadt)
Tomohiro Uesaka (RIKEN)	Calin Ur (ELI-NP, Bucharest)
Kathrin Wimmer (Univ. of Tokyo)	Yanlin Ye (PKU, Beijing)

c) Nuclear Astrophysics: low-energy nuclear reactions, nucleosynthesis and fusion reaction rates, latest developments in modeling the equation of state of hot and dense nuclear matter, properties of neutron star and proto-neutron star, stellar evolution...

Stefano Gandolfi (Los Alamos)	Takahiro Kawabata (Kyoto University)
Shigeru Kubono (RIKEN)	Karlheinz Langanke (GSI Darmstadt) (*)
Bao-An Li (Texas)	Weiping Liu (CIAE Beijing, ANPhA)
Jérôme Margueron (IPN Lyon) (*)	Michael Paul (Hebrew University)
Toshio Suzuki (Nihon University)	Ingo Tews (INT Seattle)
Aurora Tumino (Enna, INFN-LNS)	Andrej Vdovin (JINR Dubna)

Isaac Vidana (Univ. of Coimbra) (*) Hidetoshi Yamaguchi (CNS, Univ. of Tokyo)

d) Nuclear Facilities: overview of the new generation of experimental facilities (already running like RIBF at RIKEN, ISOLDE at CERN, and to be commissioned soon or under planning like SPIRAL2 at GANIL, SuperFRS at FAIR, FRIB at MSU, ELI-NP in Romania, and RISP in Korea...).

Navin Alahari (GANIL)

Tom Aumann (TU Darmstadt, GSI)

Faical Azaiez (iThemba LABS)

Bradley Cheal (Liverpool)

Sydney Gales (IPN Orsay)

Byungsik Hong (Korea Univ., ANPhA)

Matthieu Lebois (IPN Orsay)

Silvia Lenzi (Padova)

Sean Liddick (MSU, NSCL)

Yu-Gang Ma (SINAP, ANPhA)

Adam Maj (IFJ Krakow)

Gianfranco Prete (INFN Legnaro)

Hiroyoshi Sakurai (RIKEN)

Guy Savard (ANL)

Susumu Shimoura (CNS, Univ. of Tokyo)

Toshimi Suda (Tohoku University)

Kazuhiro Tanaka (KEK, ANPhA)

Victor Zamfir (ELI-NP, Bucharest)

e) Summary Talks: Nicolas Alamanos (CEA Saclay) (Experiment)

Gianluca Colo (University of Milan) (Theory)

Symposium site and important dates

ISPUN17 will be held from Monday, September 25th to September 30th, 2017, in Halong City, in the Wyndham Legend Halong Hotel (<https://www.wyndhamhalong.com/>). The registration will start at 5.30 pm, on Sunday, September 24th, 2017, at the reception of the Wyndham Legend Halong Hotel. Those who have not paid the registration fee should pay it at the registration desk either in cash or with one of the major credit cards. The symposium will start at 8.30 am, on Monday, September 25th, 2017, in the Conference Hall of the Wyndham Legend Halong Hotel and will end on Saturday afternoon, September 30th, 2017. During the symposium week, all ISPUN17 participants and accompanying persons will have lunch together in the main restaurant of the Wyndham Legend Halong Hotel, where the menu

will be tailored daily to include the famous Vietnamese, Asian, and western dishes. *Vegetarians* are kindly asked to inform in advance the symposium organizers so that proper meals could be prepared and served.

Last call for abstracts

Those who are interested to participate in ISPUN17 should *submit a short abstract online before May 15th, 2017*. All the invited speakers of ISPUN17 are also kindly requested to register and submit their abstract online, so that the ISPUN17 abstract book (to be handed to the participants at the registration) could be published well in time. The authors will be informed shortly after the above deadline about the final status of their contributions, and the scientific program of ISPUN17 will be made public online well before the symposium dates. The electronic proceedings of ISPUN14 will be published online by a European Publisher.

Entry visa for Vietnam

Holders of passport of several European countries (Denmark, Finland, France, Germany, Italy, Norway, Russia, Spain, Sweden, UK), Japan, South Korea and ASEAN countries can enter Vietnam without visa for a short visit up to 15 days. Because the visa exemption for foreign tourists to Vietnam is issued or renewed annually, we recommend the ISPUN17 participants to contact the international travel agent or Vietnamese Embassy (Consulate) nearest to their residence for the *updated visa information*. Our travel agent will also assist the registered participants and accompanying persons to *get Vietnamese visa directly at the airport immigration upon their arrival*.

Accident, Travel and Health Insurances

We would like to remind that all the ISPUN17 participants and accompanying persons should have insurances that cover all kinds of accidents, illnesses... during their stay and travel in Vietnam. Although the organizers will try their best for the success of the

symposium, they cannot take the responsibility for any accident or illness whatever the cause.

Airport pickup service

Limousine buses will be arranged by the symposium organizers to pick the ISPUN17 participants and accompanying persons up from Noi Bai International Airport in Hanoi directly to their hotels in Halong city. For this purpose, we kindly ask all the participants to inform the ISPUN17 secretariat about *their timetable and flight numbers to and from Hanoi by September 15th, 2017* at the latest, so that the transport can be organized for them accordingly. You need to approach the person carrying the ISPUN17 logo in order to get to the pickup vehicles. Those who arrive in Noi Bai airport out of the scheduled pickup service due to an unexpected reason can take a taxi from Noi Bai to Halong city (approx.. 156 km) that costs about 70 USD (you need to show the taxi driver the address of your hotel). After the symposium, the same limousine pickup service will be arranged to bring the ISPUN17 participants and accompanying persons to Noi Bai International Airport from their hotels in Halong city. This service cannot be organized for those who make post-symposium trips in Vietnam before departing for their home country.

Accommodation

The ISPUN17 participants can make the hotel reservation on their own or *take advantage of the special conference package rate offered to the ISPUN17 participants by our travel agent*. The offer from our travel agent includes the Wyndham Legend Halong Hotel (<https://www.wyndhamhalong.com/>), as well as other 4* and 3* hotels located in walking distance to the symposium site. All the hotel costs and booking details will be available after May 15th, 2017 on the symposium website. The ISPUN17 participants can make the hotel reservation and pay for the room online with the major credit cards, following the instructions given on the symposium website. Note that the availability of the hotel rooms is quite limited in late September, beginning of the tourist season in Vietnam.

Registration and conference fee

All the ISPUN17 participants are kindly asked to register online before the deadline of *September 1st, 2017*. The regular conference fee is 450 USD per participant. A reduced conference fee of 400 USD/person will be collected from all students and accompanying persons. The accompanying children under 12 years of age are exempted from the conference fee. The payment can be made online with one of the major credit cards. The late payment of conference fee should be done at the symposium registration desk either in cash or with one of the major credit cards, with a surcharge of 5% of the regular fee. The registration fee covers mainly the from- and to airport pickup service, the welcome reception, all lunches and coffee breaks, the one-day sightseeing boat cruise in Halong Bay, and the symposium farewell dinner.

Social events

- One-day sightseeing boat cruise in Halong Bay will be organized for all ISPUN17 participants and accompanying persons on Wednesday, September 27th, 2017. The boat trip through numerous islets and caves will allow you to enjoy the natural beauty of Halong Bay, a World Heritage site. The lunch with fresh seafood will be served aboard during this trip.
- A Concert of Vietnamese folk music will be performed on the stage of Wyndham Legend Halong Hotel on Thursday evening, September 28th, 2017, followed by the slight evening sandwich and drink. The Symposium Farewell Dinner will be held on a famous island off the coast on Friday evening, September 29th, 2017. All registered participants and accompanying persons are kindly invited to attend these two events.
- The pre- or post-symposium trips in Vietnam can be arranged with the help of our travel agent. Those participants who are interested in such private tours should contact our travel agent in time.

Important dates and deadlines

- May 15th, 2017 – Deadline for the abstract submission.
- September 1st, 2017 – Deadline for the online registration, the early payment of conference fee and hotel reservation.
- September 15th, 2017 - Deadline for the reservation of the airport pickup service.
- September 24th, 2017 – Start of the desk registration, followed by the welcome reception.
- September 25th, 2017 – Symposium begins at 8:30 a.m.
- September 27th, 2017 – One-day boat cruise.
- September 28th, 2017 – Evening concert.
- September 29th, 2017 – Symposium farewell dinner.
- September 30th, 2017 – Symposium ends in the afternoon.

Contact address

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