SECOND CIRCULAR OF ISPUN23
(to pre-registered participants)

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The International Symposium on Physics of Unstable Nuclei 2023 (ISPUN23)
Phu Quoc Island, Vietnam, May 4 – 8, 2023
https://ispun23.vn/

The International Symposium on Physics of Unstable Nuclei 2023 (ISPUN23) will be held in Phu Quoc Island (Vietnam) from May 3rd to May 8th, 2023. This is the 6th meeting of the ISPUN series organized by Institute for Nuclear Science and Technology (INST), which started in 2002 with ISPUN02 held in Halong Bay. ISPUN23 is expected to be supported by Vietnam Atomic Energy Institute (VINATOM), Helmholtz Research Academy Hesse for FAIR (HFHF), CEA Saclay, and Asian Nuclear Physics Association (ANPhA). Like previous ISPUN meetings, ISPUN23 is aimed at bringing together not only the leading nuclear physicists, but also young colleagues currently involved in the forefront of nuclear physics research. During ISPUN23, the OC of ISPUN23 also plans to celebrate the career and retirement of Professor Dao Tien Khoa and Professor Nicolas Alamanos (two active organizers of the ISPUN meetings) with an extended session on direct nuclear reactions and the implication on nuclear astrophysics, EOS of neutron star matter, shell evolution of dripline nuclei, structure of unstable nuclei, and nuclear clusters...

International advisory board of ISPUN23
Nicolas Alamanos (CEA Saclay), Thomas Aumann (TU Darmstadt), Faical Azaiez (IThemb LabS), Angela Bracco (Milano), Patricia Chomaz (GANIL), Gianluca Colo (Milano), Pawel Danielewicz (FRIB, MSU), Pierre Descouvemont (Brussels), Sydney Gales (ELI-NP), Marcella Grasso (IJCLab Orsay, IN2P3), Kouichi Hagino (Kyoto),
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Hiroyoshi Sakurai (RIBF, RIKEN), Achim Schwenk (TU Darmstadt),
Tran Chi Thanh (VINATOM), and Remco Zegers (FRIB, MSU).

Organizing committee
Le Xuan Chung (INST Hanoi), Phan Viet Cuong (VinaGamma Danang),
Pham Ngoc Dong (INST Hanoi), Mathieu Lebois (IJCLab Orsay),
and Alexandre Obertelli (TU Darmstadt).

Topics of ISPUN23 and preliminary list of invited speakers
(*) to be confirmed

a) Nuclear Structure: Recent experimental studies on structure of unstable nuclei, the shell evolution of dripline nuclei, nuclear clusters, and superheavy nuclei; the ongoing development of theoretical approaches, like the microscopic ab-initio calculations, non-relativistic and covariant energy density functionals, QRPA, and few-body models…

Dimiter Balabanski (ELI-NP)                              Gilles Ban (LPC Caen)
Carlo Barbieri (Milano)                                    Pieter Doornenbal (RIKEN)
Meytal Duer (TU Darmstadt)                                 Freddy Flavigny (LPC Caen)
Stefano Gandolfi (Los Alamos)                              Georgi Georgiev (IJCLab)
Julian Kahlbow (MIT, Tel Aviv Univ.)                      Masaaki Kimura (RIKEN)
Haozhao Liang (Univ. of Tokyo)                             Elena Litvinova (W. Michigan Univ.)
Jie Meng (PKU Beijing)                                     Takayuki Miyagi (TU Darmstadt)
Kazuhito Mizuyama (Duy Tan Univ.)                         Takashi Nakamura (TITECH Tokyo)
Hiroyuki Sagawa (Aizu, RIKEN)                              Klaus Spohr (ELI-NP)
b) Nuclear Reactions: Recent experimental and theoretical studies on direct nuclear reactions induced by both stable and unstable beams, in particular, the DWBA, DWIA, and/or coupled reaction channel analyses of quasi-elastic scattering in both direct and inverse kinematics, microscopic descriptions of the optical potential; studies of nuclear fusion and fission, heavy-ion collision dynamics, effects of the isospin and nuclear symmetry energy in different reaction processes…

Dieter Ackermann (GANIL)  
Tom Aumann (TU Darmstadt)  
Pawel Danielewicz (MSU, NSCL)  
Kouichi Hagino (Kyoto)  
Wataru Horiuchi (OMU Osaka)  
Andrea Jedele (TU Darmstadt)  
Yu-Gang Ma (Shanghai)  
Hideyuki Sakai (RIKEN)  
Tomohiro Uesaka (RIKEN) (*)  
Jonathan Wilson (IJClab Orsay)

Yoshihiro Aritomo (Kindai)  
Carlos Bertulani (Texas)  
Pierre Descouvemont (Brussels)  
Byungsik Hong (RISP-RAON)  
Grzegorz Jaworski (Warsaw)  
Alexander Karpov (JINR Dubna)  
Valerii Panin (GSI Darmstadt)  
Pär-Anders Söderström (ELI-NP):  
Xiaodong Tang (CIAE Beijing)

c) Nuclear Astrophysics: Nuclear reactions at astrophysical energies, nucleosynthesis and fusion reaction rates of the light-ion systems during stellar evolution; the latest developments in modeling equation of state of hot and dense nuclear matter, in light of the observed neutron star mergers...

Remi Bougault (LPC Caen)  
Samuel Giuliani (Madrid)

Nicolas Chamel (Brussels)  
Francesca Gulminelli (Univ.of Caen)
d) Nuclear Facilities: Overview of the experimental facilities (currently running and/or to be commissioned soon) for the nuclear physics research of unstable nuclei …

Faical Azaiez (iThemba LABS)  Patricia Chomaz (GANIL)
Sydney Gales (ELI-NP)  Seung-Won Hong (RISP-RAON)
Adam Maj (Krakow)  Vandana Nanal (TIFR Mumbai)
Hiroyoshi Sakurai (RIKEN)  Hervé Savajols (GANIL)
Boris Sharkov (JINR Dubna)  Haik Simon (GSI Darmstadt)

e) Summary Talks:  Nicolas Alamanos (CEA Saclay) (Experiment)
Gianluca Colo (Univ. of Milan) (Theory)

Symposium site and dates
ISPUN23 will be held from Thursday, May 4th to May 8th, 2023, in Phu Quoc Island, in the Seashells Hotel & Spa Phu Quoc (https://seashellshotel.vn/). The registration will start at 5.30 p.m. on Wednesday, May 3rd, 2023, at the reception of the Seashells Hotel & Spa Phu Quoc. Those who have not paid the registration fee and/or room charge 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 Thursday, May 4th, 2023, in the Conference Hall of the Seashells Hotel and will end on Monday afternoon, May 8th, 2023. During the symposium period, all ISPUN23 participants and accompanying persons will have lunch together in the main restaurant of the Seashells Hotel, where the menu is 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.
Presentations at ISPUN23

All the invited and contributed talks (selected from the submitted abstracts) should be given in person by the authors, according to the scientific program of ISPUN23 which will be available on the symposium website by the end of February. Upon request, a poster session might also be held for the authors of short talks and/or those authors who submitted more than one abstract to introduce their interesting research results to other ISPUN23 participants. The authors interested in such a poster session are kindly asked to inform the symposium organizers well in advance.

Entry visa for Vietnam

All foreign visitors are exempted from Vietnam visa if they stay in Phu Quoc Island less than 30 days, provided their passports are valid for more than 6 months from the date of their arrival at Phu Quoc International Airport. Note that VN visa might still be needed if one arrives at some other airport in Vietnam and takes a domestic flight from there to Phu Quoc Island. Holders of passport of several European countries (Denmark, Finland, France, Germany, Italy, Norway, Russia, Spain, Sweden, UK…), Japan, South Korea and ASEAN countries (valid for more than 6 months from the arrival date) can enter Vietnam without visa for a short stay up to 15 days. In any case, the foreign participants are recommended to contact their travel agent or Vietnamese Embassy (Consulate) nearest to their residence for the updated visa information.

Travel Insurance

All the ISPUN23 participants and accompanying persons are recommended to have the travel insurance covering 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 ISPUN23 participants and accompanying persons up from Phu Quoc International Airport directly to their hotels. For this purpose, we kindly ask all the participants to inform the organizers about their arrival timetable and flight numbers to and from Phu Quoc by April 15th, 2023 at the latest, so that the transport can be organized for them accordingly. Those who arrive in Phu Quoc airport out of the scheduled pickup service due to an unexpected reason can take a taxi from the airport to their hotels in Phu Quoc (you need to show the taxi driver the address of your hotel). After the symposium, the same limousine service will be arranged to pick the ISPUN23 participants and accompanying persons up from their hotels to Phu Quoc International Airport. This service will not be organized for those who remain in Phu Quoc Island for a post-symposium stay before departing for their home country.

Accommodation
A conference package rate (95 USD per night for a deluxe room with double- or twin bed) is offered for the ISPUN23 participants by our travel agent at the Seashells Hotel & Spa Phu Quoc (https://seashellshotel.vn/). All the booking details and online payment will be available soon on the symposium website, where ISPUN23 participants can make the hotel reservation and pay the room charge online with the major credit cards, following the instructions given on the symposium website. Note that only a limited number of the hotel rooms available at this special rate are reserved by our travel agent until March 31st, 2023. The ISPUN23 participants can also make the hotel booking in Phu Quoc on their own with the hotel website or their trusted (online) travel agents. Please do NOT take any hotel booking offer from an unknown (suspicious) travel agent either online or by email.

Registration and conference fee
All the ISPUN23 participants are kindly asked to register online on the symposium website before the deadline of April 15th, 2023. The regular conference fee is 420 USD per
participant, and a reduced fee of 250 USD per person is collected from the accompanying persons. The payment of conference fee can be made online with the major credit cards. The latest payment of the conference fee (with a surcharge) should be done at the symposium registration desk either in cash or with the major credit cards, (450 USD per participant and 270 USD per accompanying person). The registration fee covers mainly the airport pick-up and drop-off service, all lunches, the conference facilities and services, the social events, the welcome reception, and the symposium gala dinner.

Social events

- A sightseeing tour in Phu Quoc is planned for all the ISPUN23 participants and accompanying persons in Friday afternoon, May 5th, 2023, to the Vietnam – Japan pearl farm (to learn about harvesting pearls from oysters and observe the whole process of pearl jewelry processing), and the Dong Tam snake farm (one of the largest snake raising farm in Vietnam, with large variety of snakes and a snake museum). An early, sunset-watching dinner will be served at the famous local seafood restaurant Shri (https://www.facebook.com/shriphuquoc ) for all the ISPUN23 participants and accompanying persons taking part in the afternoon tour.

- An evening tour to the Grand World Phu Quoc, the so-called sleepless festival city in the East of Phu Quoc Island (https://vinwonders.com/en/grand-world-phu-quoc/ ), is planned right after the sunset dinner, in Friday evening, May 5th, 2023, where the ISPUN23 guests will visit the Lake of Love and enjoy the water concert.

- The conference gala dinner will be organized in Sunday evening, May 7th, 2023, at the Seashells Hotel & Spa Phu Quoc for all the ISPUN23 participants and accompanying persons.

- 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 (cuongdinhanhtravel@gmail.com ) in time.
Important dates and deadlines

- March 31st, 2023 – Deadline for the hotel reservation with our travel agent.
- April 15th, 2023 – Deadline for the online payment of the conference fee and reservation of the airport pickup service.
- May 3rd, 2023 – Arrival of the ISPUN23 participants; the desk registration starting at 17:30 and the ISPUN23 welcome reception beginning at 18:30.
- May 4th, 2023 – First morning session of ISPUN23 beginning at 08:30.
- May 5th, 2023 – Afternoon- and evening sightseeing tour starting at 16:00.
- May 7th, 2023 – Symposium gala dinner beginning at 19:00.
- May 8th, 2023 – Symposium ending in the afternoon.

Contact address

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