

***** Second Announcement *****
International School for Strangeness Nuclear Physics
(SNP School 2017)
December 14th, Thursday to 16th, Saturday, 2017
at J-PARC, Tokai, JAPAN

Detailed information is given and will be updated at the following URL:
<http://www.rcnp.osaka-u.ac.jp/~murano/SNP2017/index.html>

We are pleased to announce that the SNP School 2017 will take place at J-PARC, Tokai, JAPAN, from December 14th to 16th, 2017 hosted by J-PARC, RCNP-Osaka, ELPH-Tohoku, APCTP, ASRC JAEA, ANPhA, RIKEN Nishina Center and GP-PU of Tohoku Univ. This is the sixth one of a series of SNP schools, which were held in 2012, 2013, 2014, 2015 and 2016 in both Tokai (J-PARC) and Sendai (Tohoku University).

This year, the school is organized as a pre/post-workshop event of international workshops:

- The International Workshop on Hadron and Nuclear Physics (HNP2017, December 18-22, RIKEN, Wako, Saitama) hosted by Asia Pacific Center for Theoretical Physics (APCTP) and
 - Reimei Workshop (December 11-13, Tokai) hosted by ASRC JAEA.
- The announce of these workshop will be done soon.

We encourage young scientists who intend to participate in Reimei WS and HNP2017 to join the SNP School 2017 as well and to present their research activities at the young researchers' session.

The school will have several lectures and topical talks on strangeness nuclear physics as well as other general subjects such as hadron physics and cold atom physics, which are expected to play central roles in the 21st century nuclear physics research at accelerator facilities for hadron beams such as J-PARC (Japan), GSI and FAIR (Germany), RCNP (Japan) and for electron beams as CEBAF at Jefferson Lab (USA), MAMI-C at Mainz University (Germany) and ELPH at Tohoku University (Japan) etc. Lectures by leading physicists will overview related subjects both from experiment and theory, and topical talks on recent progress and future prospects of the fields will be also given.

The tour to visit accelerator facility of J-PARC is planned as a part of the school. In addition, the school will organize a "young researchers' session" to give a chance of presentations by young participants. We encourage you to present your research activities in this session as well as to enjoy the lectures.

It is our intention to establish a new tradition of the school and develop it as an opportunity to foster active young physicists in wide fields of nuclear and related physics to be pursued around J-PARC in the future. Therefore, the participants of the school are assumed to be graduate students and young scientists who have strong motivation to carry out the future nuclear physics research. Together with lecturers who are leaders in these

fields, senior participants are also welcome to vitalize the school.

Tentative program of lectures (it may be subject to change)

14 Dec. (Thu)		15 Dec. (Fri)		16 Dec. (Sat)	
09:00-09:45	Registration	09:30-10:45	Lecture 6	09:30-10:45	Lecture 7
09:45-10:00	Opening	10:45-11:00	Break	10:45-11:00	Break
10:00-11:15	Lecture 1	11:00-12:15	Y.R. Session 1	11:00-12:15	Lecture 8
11:15-11:30	Break	12:15-13:00	Lunch	12:15-13:00	Lunch
11:30-12:45	Lecture 2	13:00-14:20	Y.R. Session 2	13:00-14:15	Lecture 9
12:45-13:30	Lunch	14:30-16:20	J-PARC tour	14:15-14:30	Break
13:30-14:45	Lecture 3			14:30-15:45	Lecture 10
14:45-15:00	Break			15:45-16:15	Closing and Celemony to award Certificates , Prizes
15:00-16:15	Lecture 4				
16:15-16:30	Break				
16:30-17:45	Lecture 5	16:30-17:30	Y.R. Session 3		
		17:30-18:45	Poster Session	(16:30-17:30)	(GP-PU Discussion)
		18:45-20:30	School Dinner		

(Y.R. Session: Young Researchers' Session)

Lectures

Chris Greene (Purdue) Cold Atoms
 Tetsuo Hyodo (YITP) Lambda(1405) and KN interaction
 Takehiko Saito (GSI) Hypernuclear Physics with Heavy-ion Beams
 Kenneth Hicks (Ohio) Experimental Study of Hadron Structures
 Baha Balantekin (Wisconsin-Madison)

Microphysics of the Universe: Interface of Nuclear, Particle Physics and Astrophysics

The school will be held at J-PARC, Tokai, JAPAN. Tokai village is located about 120 km north of Tokyo and it faces Pacific Ocean. J-PARC site and hotel can be easily accessed by airport limousine bus from Narita airport (about two hours trip, 3,100yen). Detailed

information will be given on the web and final announcement.

We will visit J-PARC accelerator complex as a part of the SNP School 2017.

The school will welcome a maximum of approximately 50 graduate students and young scientists from all over the world both in experiments and in theory. Though budget is quite limited but participants have a chance to have financial support for their local expenses during the school. Deadline of application with financial support is the 30th of September, 2017. In addition, the organizers strongly advise the persons who need a visa to enter Japan, to contact the organizer as soon as possible, since the issuance of a visa may take a long time.

The school will organize special sessions to give a chance of presentation for participants. Young students who gave excellent presentation will be honored by awarding Hashimoto prize and ANPhA prize.

We encourage young scientists to present their research in the school and enjoy lectures.

Application, Selection of participants and Financial supports:

Application form can be submitted from the SNP school 2017 homepage (shared with HNP2017 registration page). **Registration fee is 7,000 yen** which includes school dinner and lunch boxes during the school. Organizer requests participants to arrange **overseas travel insurance** by themselves.

Selections of participants and financial support for them will be performed based on research interest, activities to be explained in the abstract of the presentation. Graduate students are requested to have a permission from supervisor to attend the SNP School 2017. All young participants are expected to present his/her activities by poster and/or oral sessions during the school. Please give a title and one-page abstract which will affect the decision of financial support. **Deadline of application with financial support is the 30th of September, 2017 however later registration results in less chance for financial support.** We encourage earlier registration for participants who want to have financial support.

Accommodation:

Organizer booked rooms of Tokai dormitory (J-PARC, 2,500 yen/night) and rooms at hotel Terrace-in Katsuta (single 6,900, twin 15,000 yen/night/room) . The hotel locates just in front of the JR Katsuta station and school site can be achievable by public transport (40 min., 420 yen). Detailed instruction of transportation will be given later.

You can find more information on the SNP School 2017 web.

Important dates:

2 nd announcement	Early September 2017, this document
Application deadlines	
With financial support	September 30, 2017
Need VISA	October 20, 2017
All participants	November 20, 2017

Final announcement
(REIMEI Workshop
SNP School 2017
(HNP2017)

November, 2017
December 11-13, 2017)
December 14-16, 2017
December 18-22, 2017)

Best regards,

Prof. Satoshi N. Nakamura and Prof. Atsushi Hosaka, Chairs of the SNP School
2017