

HST15

INTERNATIONAL SYMPOSIUM ON HIGH-RESOLUTION SPECTROSCOPY & TENSOR INTERACTIONS

Topics

Fine structures of giant resonances
Gamow-Teller, electric dipole and other spin-isospin responses
Excitations of mirror states and isospin symmetry
Measurements of nuclear level densities
Nuclear astrophysics with high-resolution spectroscopy
Double β -decay matrix elements and double charge-exchange reactions
Nuclear theories with explicit inclusion of tensor interactions
Modification of single-particle orbitals by the Fock term of tensor interactions
High-momentum components of nucleons and correlations in nuclei
Ab-initio approach to the structure of nuclei
Alpha clustering in nuclei
Other related topics

International Advisory Committee

Georg P. A. Berg (U. Notre Dame)
Hiroyasu Ejiri (RCNP)
Hans Feldmeier (GSI)
Muhsin N. Harakeh (KVI)
Hisashi Horiuchi (RCNP)
Takashi Nakano (RCNP)
Peter von Neumann-Cosel (TU Darmstadt)
Hideyuki Sakai (RIKEN Nishina Center)
John P. Schiffer (ANL)

Local Organizing Committee

Isao Tanihata (RCNP/Beihang U., Co-Chair)
Atsushi Tamii (RCNP, Co-Chair)
Hidetoshi Akimune (Konan U.)
Nori Aoi (RCNP)
Eiji Ideguchi (RCNP)
Takahiro Kawabata (Kyoto U.)
Takayuki Myo (Osaka Inst. Tech.)
Shumpei Noji (RCNP, Scientific Secretary)
Hooi Jin Ong (RCNP, Scientific Secretary)
Mika Tambara (RCNP, Secretary)
Hiroshi Toki (RCNP, Chair of Program Committee)

Hosted by

RCNP, Osaka University

Cosponsored by

Osaka University
JSPS KAKENHI Grant #23224008

Speakers

Hidetoshi Akimune (Konan U.)
Dimitar Balabanski (IFIN-HH)
Georg P. A. Berg (U. Notre Dame)
Joseph Carlson (LANL)
Dieter Frekers (U. Münster)
Hirohiko Fujita (RCNP)
Yoshitaka Fujita (RCNP)
Ela Ganioglu (Istanbul U.)
Joachim Görres (U. Notre Dame)
Chenlei Guo (Beihang U.)
Muhsin N. Harakeh (KVI)
Or Hen (MIT)
Wataru Horiuchi (Hokkaido U.)
Jinniu Hu (Nankai U.)
Tsunenori Inakura (Niigata U.)
Masatoshi Itoh (Tohoku U.)
Makoto Ito (Kansai U.)
Chihiro Iwamoto (RCNP)
Masataka Iwasaki (Kansai U.)
Takahiro Kawabata (Kyoto U.)
Benjamin Kay (ANL)
Steven Karataglidis (U. Johannesburg)
Masaaki Kimura (Hokkaido U.)
Attila Krazsnahorkay (ATOMKI)
Wenhui Long (Lanzhou U.)
Adam Maj (IFJ PAN)
Hiroaki Matsubara (Tokyo Women's Med. U.)
Javier Menéndez (U. Tokyo)
Kenjiro Miki (NSCL/MSU)
Takayuki Myo (Osaka Inst. Tech.)
Peter von Neumann-Cosel (TU Darmstadt)
Thomas Neff (GSI)
Shumpei Noji (RCNP)
Hooi Jin Ong (RCNP)
Sonja Orrigo (U. Valencia)
Reiji Otani (Kansai U.)
Takaharu Otsuka (U. Tokyo)
Berta Rubio (U. Valencia)
Hiroyuki Sagawa (U. Aizu/RIKEN Nishina Center)
Masaki Sasano (RIKEN Nishina Center)
Ricky Smit (iThemba LABS)
Toshimi Suda (Tohoku U.)
Atsushi Tamii (RCNP)
Isao Tanihata (RCNP/Beihang U.)
Hiroshi Toki (RCNP)
Tomohiro Uesaka (RIKEN Nishina Center)
Iyabo Usman (U. Witwatersrand)
Yutaka Utsuno (JAEA)
Tomotsugu Wakasa (Kyushu U.)
Remco G. T. Zegers (NSCL/MSU)
Juzo Zenihiro (RIKEN Nishina Center)

Background photo:
Tekijuku, originally opened in 1838,
to which Osaka University's roots reach back.

16 MON - 19 THU, November 2015
Osaka University Nakanoshima Center

<http://www.rcnp.osaka-u.ac.jp/hst15/>
hst15@rcnp.osaka-u.ac.jp