

JUSTIPEN: Japan U.S. Theory Institute for Physics with Exotic Nuclei

Welcome to the U.S. and ORNL

David J. Dean
Physics Division, ORNL
Associate Director, JUSTIPEN

www.phys.utk.edu/JUSTIPEN



JUSTIPEN

Japan U.S. Theory Institute for Physics with Exotic Nuclei

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Purpose:

Deliver an international venue for research on the physics of nuclei during an era of experimental investigations on rare isotopes.

Location:

RIKEN, at the new RIB Factory

US Participation:

Provide travel and local support for U.S. visits to the Center

Synopsis:

The Japan-U.S. Institute for Physics with Exotic Nuclei (JUSTIPEN) is pleased to announce its first solicitation for Calendar Year 2006. JUSTIPEN has been established in order to facilitate collaborations between U.S. and Japanese scientists whose main research thrust is in the area of the physics of nuclei. JUSTIPEN is located at the RIKEN RIB Experimental Facility in Wako, near Tokyo, Japan (more information on nuclear research activities at RIKEN can be found [here](#)). U.S. participation in JUSTIPEN will come in the form of travel grants and subsistence grants to those individuals who would be interested in collaborating with Japanese scientists. JUSTIPEN's purview will be in the area of physics of or with exotic nuclei, including nuclear structure and reaction theory, nuclear astrophysics, and tests of the standard model using exotic nuclei. While JUSTIPEN will primarily focus on theory collaborations, experimentalists with theoretical collaborators in Japan are also encouraged to apply. Funding for JUSTIPEN is being provided by the Office of Nuclear Physics of the U. S. Department of Energy. Additional local support is provided by the University of Tokyo and RIKEN.

If you have an interest in forging new or continuing collaborations with Japanese colleagues, this travel grant is for you. During the first year, we anticipate around twelve funded short-term trips and three longer term visits. Students and postdocs are encouraged to apply.

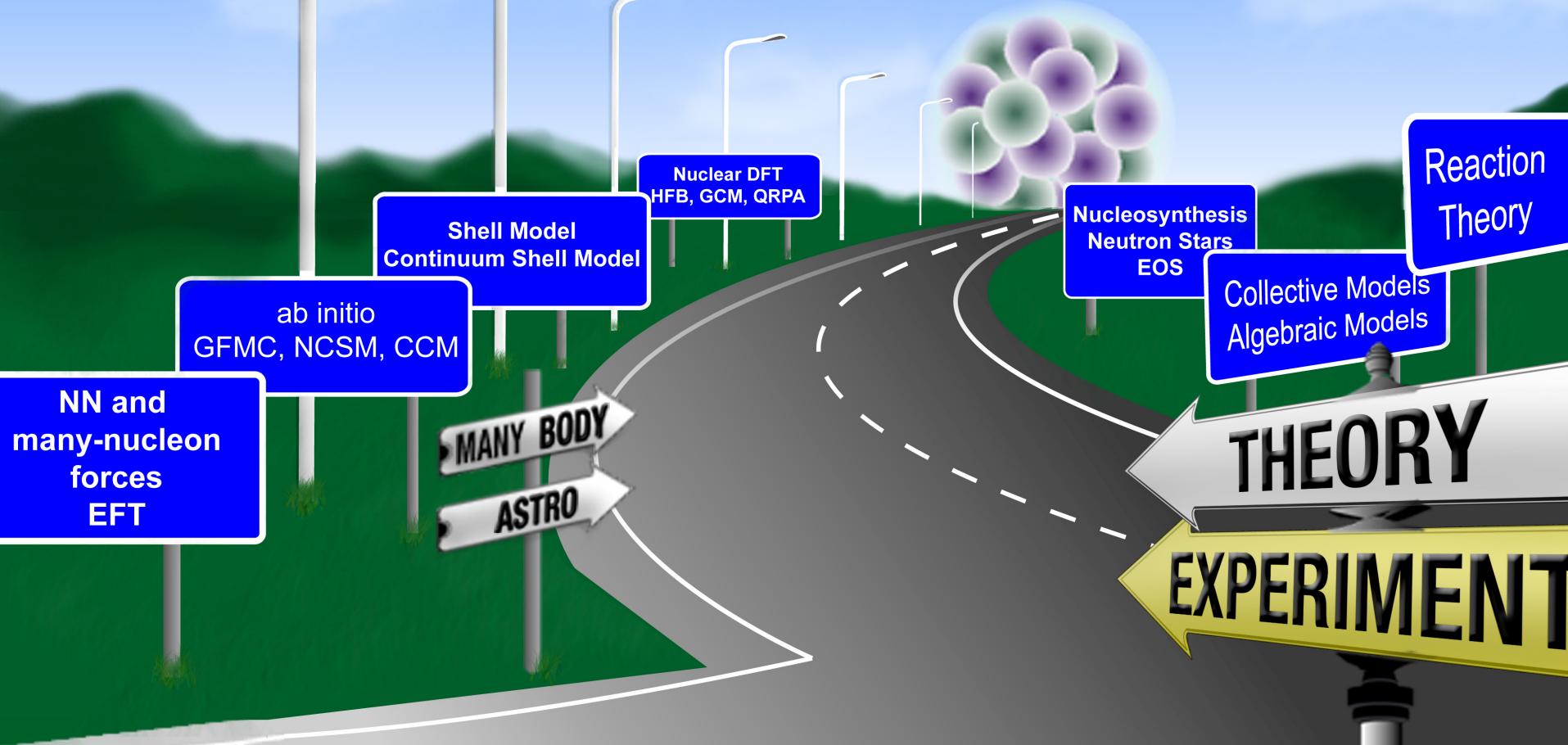
In order to facilitate planning, please apply by filling out the [on-line web form](#).

Important Access Information:

Access information from Narita Airport to Wako and from Wako station to RIKEN
<http://www.riken.jp/enqnl/r-world/riken/campus/wako/access.html>

Access information at RIBF (Building No. 38 for the RIBF conference hall)
<http://www.riken.jp/enqnl/r-world/riken/campus/wako/bldg.html>

**JUSTIPEN → Japan-US effort
to move down this road!!**



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Provide travel and local support for U.S. visits to the Center (20-25 visits/year long and short term visitors) – DOE SC NP

Japanese participation:

Infrastructure and support....

(offices, computers, computer networking, housing,...)

U. Tokyo, RIKEN

Eventual reciprocal visits of Japan researchers to U.S.

Initial Steering Committee:

Takaharu Otsuka (Managing Director, U. Tokyo)

David Dean (Associate Director, ORNL)

Tohru Motobayshi (Associate Director, RIKEN)

Witek Nazarewicz (UT/ORNL)

Baha Balantekin (University of Wisconsin)

Hiashi Horiuchi (Kyoto University)

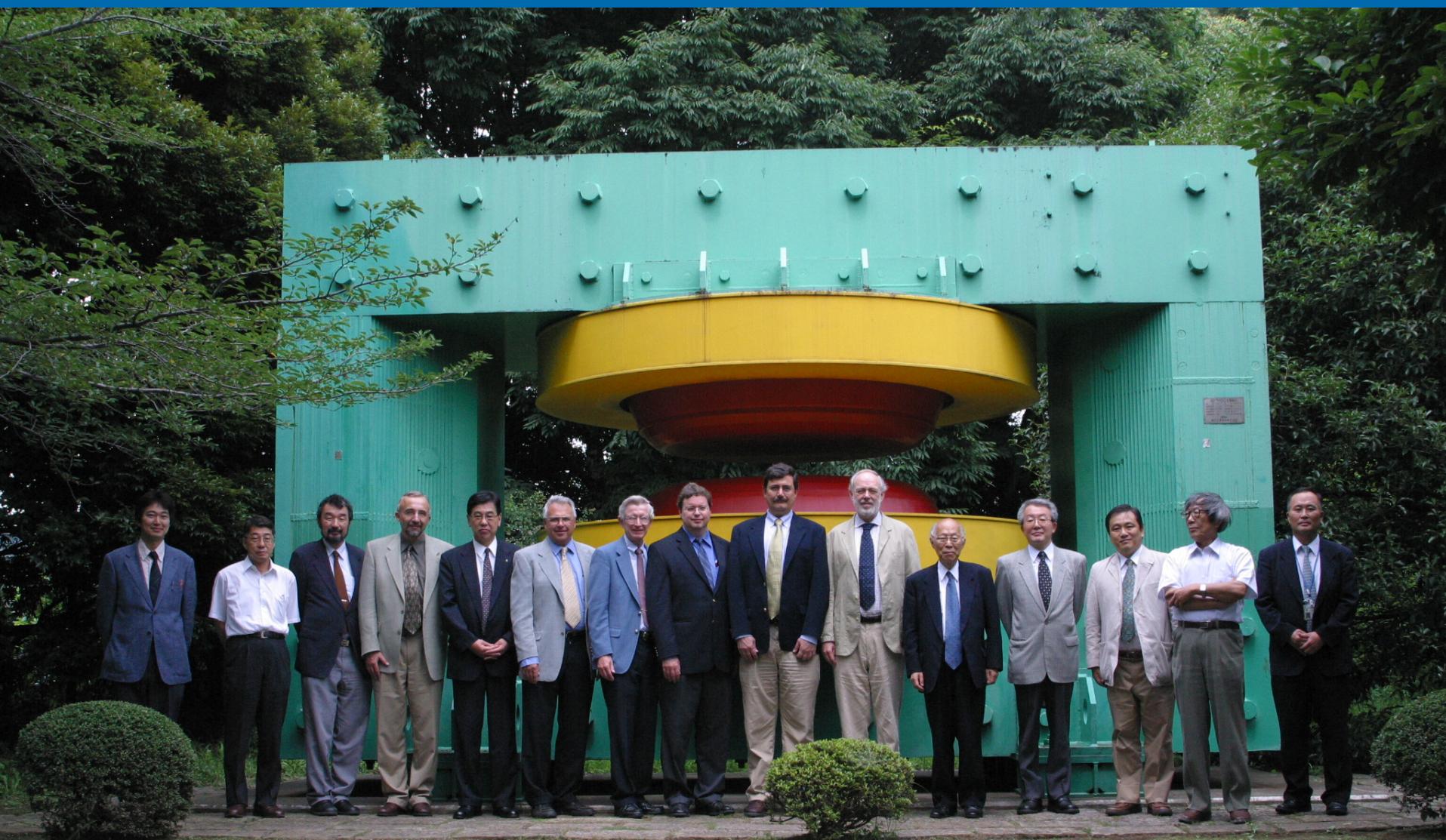
Hideyuki Sakai (University of Tokyo)

Richard Casten (Yale University)

Center opened 11 July
at RIKEN Nishina Center
for Accelerator Sciences
FULLY FUNDED BY
DOE/SC/NP this FY.



JUSTIPEN Opening: Board members and distinguished guests and hosts



Activities of JUSTIPEN

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Ways JUSTIPEN will accomplish the purpose:

- Individual visits
 - With RIKEN as base, but to other institutes as well
- Small Japan/US study groups working on specific topics
- Clearing house for post-docs (advertise in both directions)
- Japan and US ‘collaborations list’
- Potential ‘summer school’ or ‘winter school’ activity
- Interface with experimental efforts (‘hot topics’)
- Reciprocal JUSTIPEN-Japan visits (such as this meeting)

JUSTIPEN: U.S. Facilitation

- U.S. web page → <http://www.phys.utk.edu/JUSTIPEN>
- U.S. people apply through the page
- Steering committee screens candidates.
- Open to all; young people are especially encouraged to apply
- Advertising through:
 - American Physical Society Division of Nuclear Physics
 - RIA Users Organization
 - RIA Theory Group

Visitors so far

Alex Brown	– MSU
Carlos Bertulani	– Arizona
Yang Sun	– Notre Dame
Peter Moller	-- LANL
Bruce Barrett	– Arizona

Planning to go this year:

Lisetskiy	-- Arizona	Nazarewicz	-- UT
Rotureau	-- UT/ORNL		
Papenbrock	-- UT/ORNL		
Dean	-- ORNL		