

**EXIT REPORT ON**  
**Hokudai-TORIJIN-JUSTIPEN-EFES Workshop**  
**“Perspectives in Resonances and Continua on Nuclei”**  
&  
**JUSTIPEN-EFES-Hokudai-UNEDF Meeting**

**July 21-25, 2008**

**Onuma International Seminar House, Hokkaido, Japan**

From July 21 to July 25 I participated in the Hokudai-TORIJIN-JUSTIPEN-EFES Workshop “Perspectives in Resonances and Continua on Nuclei” & JUSTIPEN-EFES-Hokudai-UNEDF Meeting, held at the Onuma International Seminar House, Hokkaido, Japan. This was a relatively small meeting of 50 participants, 34 from Japan and 16 from other countries, principally from the USA.

Because it was a small meeting, it had a number of advantages. First, there were not so many talks, so there was more time for questions following presentations. Second, with fewer talks, the participants had more time to hold discussions and to work on collaborations outside of the lectures. Third, the whole proceedings seemed less formal and more friendly, which promoted more new physics interactions and, consequently, the creation of new collaborations.

The Workshop was particularly productive for me in that I had the opportunity to meet with Prof. Shinichiro Fujii from Kyushu University, with whom I am collaborating on *ab initio* nuclear-structure calculations for the oxygen isotopes. Also, some of my collaborators on the No Core Shell Model, *e.g.*, Prof. James Vary from Iowa State University and Prof. Calvin Johnson from San Diego State University, were present, so we had the opportunity to discuss future plans for our research together. Other participants included Prof. A. Baha Balantekin from the University of Wisconsin and Dr. Shalom Shlomo from Texas A&M University, with whom I am working on plans for future collaborations. Finally, I learned a number of new and interesting results, especially regarding recent developments concerning the Universal Nuclear Energy Density Function project. The new self-consistent mass table developed at Oak Ridge National Laboratory was of particular interest to me.

To summarize, it was an excellent meeting for learning new and exciting results in nuclear-structure physics and for continuing and promoting old collaborations and developing new ones. The site of the meeting was a very good choice for promoting a

relaxed and pleasant atmosphere for learning about nuclear physics and doing research collaborations. For me it was well-worth my time to take part in this stimulating workshop and meeting.

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