

Michael Bertolli

JUSTIPEN Exit Report:

I visited Japan with JUSTIPEN support from 24 August to 2 September to attend the CNS-EFES 2008 Summer School. While there, I attended many lectures on both experimental and theoretical physics. Many of the lectures pertained directly to research I am doing under Dr. Thomas Papenbrock in nuclear DFT.

The majority of the summer school was held at Riken in Wako-Shi as well as one day of lectures held at the University of Tokyo Hongo campus. In addition to attending lectures, many beneficial discussions were held with others attending the school from both Asia and other parts of the world. We were also able to tour the next generation facilities currently being put in at Riken. While at Riken, I gave a presentation entitled *Energy Functional for the Three-level Lipkin Model* (Phys. Rev. C 78 064310 (2008)).

My visit to Japan through JUSTIPEN provided an excellent opportunity to learn current techniques in nuclear structure theory and related topics, as well as a wonderful introduction to the community of nuclear scientists. I thank JUSTIPEN for providing the opportunity, and the CNS-EFES organizers for the superb environment both in and outside of the school program.