

# *The 4th Yamada Symposium* **Advanced Photons and Science Evolution**

June 14-18, 2010 JICA Osaka Japan

<http://www.yamadazaidan.jp/ys/apse2010.html>

APSE

2010



## *Subjects to be discussed include*

1. Quantum nature of photons and new optical effects
2. Quantum many-body physics and photon science
3. Laser physics and advanced lasers for new physics
4. Tera Hz photon science and high-intensity lasers, and meta material.
5. Synchrotron radiation and FEL for molecular and crystal structures.
6. Photons from nuclear and positron decays for molecular science and astrophysics.
7. Medium high energy photons by lasers & GeV-electrons and astro particle physics
8. Fundamental symmetries and cold atoms by advanced lasers and photon spectroscopy
9. Related subjects and interdisciplinary fields of photon science

*Sponsor* **Yamada Science Foundation (YSF)**  
*President* **Y. Yamada (YSF)**

## *Organizers*

**H. Ejiri (YSF/RCNP), Chair of APSE 2010**  
**M. Hangyo (ILE), Co-chair of APSE 2010**  
**T. Kawaba (YSF),**  
**T. Ogawa (Osaka), Co-chair of APSE 2010**  
**Y. Ohashi (JASRI)**

## *International advisors*

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\*Courtesy of SPring-8