

4th International Workshop on

PHOTOLUMINESCENCE IN RARE EARTHS: PHOTONIC MATERIALS AND DEVICES (PRE'12)

March 28-30, 2012, Kyoto, Japan



Workshop Co-chairs

S. Tanabe - Kyoto University, Kyoto

G.C. Righini - IFAC CNR, Firenze

M. Ferrari - IFN CNR, Trento

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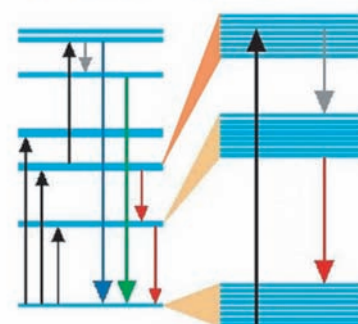
M. Mikami (Japan)

Y. Ohishi (Japan)

J. Qiu (China)

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PRE'12



Inquiries
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Local Organizing Committee

S. Tanabe (Kyoto U)

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H. Yamamoto (Tokyo Tech. U)



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"PRE" is the International Workshop on Photoluminescence of Rare-Earth: Photonic Materials and Applications.

The first workshop, PRE'05 was held in Trento, Italy in May 2005 and covered a wide range of researches of rare-earth ions in optoelectronics and photonics.

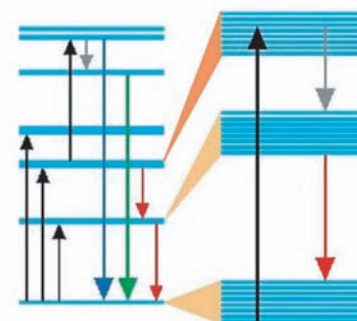
The second PRE'07 was held again in Trento, May 2007, and the third PRE'10 in Firenze, on April 29-30, 2010. Following the success of these three,

we are glad to follow the best traditions of this series and decided to organize

the fourth workshop in Japan. We hope to provide opportunities for discussions

between researchers working on photoluminescence of rare-earth ions in various materials and devices.

PRE'12



Submit one page abstract (A4) to "submit@pre12.org"

Deadline for Abstract Submission: **December 1, 2011**

Main Topics

- Fundamental photoluminescence properties & spectroscopic measurements
- Modeling, first-principles calculations, etc.
- Photonic devices exploiting rare-earths characteristics
- Rare-earth-doped crystalline materials
- Transparent ceramics and glass-ceramic materials
- Rare-earth optical amplifiers for telecommunication
- Fiber lasers and micro-chip lasers
- Phosphor materials for Solid-state Lighting
- Downconvertors for photovoltaic applications.

Conference Venue

The Workshop will take place at the **Shiran-Kaikan**.

in

Medicine Campus at **Kyoto University**

Yoshida-konoe-cho, Sakyo-ku, Kyoto

