



- ❖ **Workshop on Photonics, Near field optics, Waves and Imaging**
- ❖ **Topical meeting on Disordered/Random Optical Media**

**November 18-19, 2010, Ecole Centrale de Lyon**

After decades of intense activities, many innovating concepts, novel methods or applications have emerged from research in micro and nanophotonics, near field optics, imaging in complex media. While these communities are still developing cutting-edge research, investigating the effect of disorder and randomness in optical media has recently become a very hot topic.

This event, co-organized by **Keio University G-CEO**, **GDR Ondes** and **Ecole Centrale de Lyon**, will bring together specialists of the “wave” community involved in optics and photonics, and specialists of disorder and random media. The official language will be English.

#### **November 18: Joint meeting GDR Ondes (GT2, GT5 and GT7) - Keio University**

The first day will be organized as a standard GDR meeting; expected contributions may cover a wide range of topics, including:

- Micro and Nanophotonics, from optics to microwave**
- Near field optics**
- Waves and imaging in complex media.**

This day will be widely open to contributed talks and posters, in particular presented by PhD students from the GDR Ondes communities, and from Keio University. Invited speakers will include members from Keio University: Toshiharu Saiki and Mitsuhiro Terakawa.

#### **November 19: International topical meeting on “disorder and randomness in optical media and photonic structures”**

Communications will notably cover the following topics:

- Anderson localisation**
- Random lasing**
- Photonic glasses**
- Disorder in photonic crystals**
- etc.

These topics will be covered by invited speakers from France, Europe, US and Japan. Confirmed invited speakers include Peter Lodahl (TU Denmark), Cefe Lopez (CSIC, Madrid), Frank Vollmer (Harvard University), Minoru Obara (Keio University), Romuald Houdré/Nicolas Le Thomas (EPFL), Sylvain Gigan, (Institut Langevin, ESPCI), Philippe Lalanne (LCFIO), Patrick Sebbah (LPMC, Nice), Bart van Tiggele (LPMMC, Grenoble). A limited number of contributed talks will also be featured.

#### **To submit contributions:**

Please send your contributions (1 page, PDF format, English) to: [Seiji.Takeda@ec-lyon.fr](mailto:Seiji.Takeda@ec-lyon.fr)

#### **Registration (free but mandatory):**

Every participant, wishing or not to present a contribution, is required to register by e-mail to [Seiji.Takeda@ec-lyon.fr](mailto:Seiji.Takeda@ec-lyon.fr), filling the dedicated registration form.

**Dead line (registration and abstract submission): November 4, 2010**

#### **For French participants:**

Young scientists (mainly PhD students and post-docs) wishing to have their travel and hotel expenses reimbursed by the GDR Ondes, should apply and fill the « Renseignements » form. This form should be sent to Mme Gouveia ([eugenie.gouveia@lss.supelec.fr](mailto:eugenie.gouveia@lss.supelec.fr)), by **November 4, 2010**.

The organizing committee:

Seiji Takeda (Keio University, ECL), Remi Carminati (GT7), Christian Seassal (GT2), Pierre Viktorovitch (CNRS-INL), Frederique de Fornel (GDR)