

## THE INTERNATIONAL CONFERENCE ON NANOPHOTONICS 2010

MAY 30 – JUNE 3, 2010, TSUKUBA, JAPAN

EPOCAL TSUKUBA

<http://www.nims.go.jp/nanophoto2010/>



photo by Satomu Saitou

### Conference Organization:

#### Conference Honorary Chairs:

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### Conference Topics:

#### • Nanophotonic material for bio/energy/ environment

- Bio-molecular architecture
- Organic/inorganic solar cell
- Green nano-particle/composite
- Photo-catalysis physics/chemistry
- Nano-particle-assisted imaging
- Lab-on-a-chip photonics
- Nano-imaging/sensing
- Nano-material for lighting/display

#### • Nanophotonic structure for information technology

- Near-field optics
- Surface plasmonics, optical nano-antenna
- Photonic crystal, silicon photonics
- Negative index material
- Quantum dot, nano-whisker
- Non-linear optics in nano-structure
- Integrated nano-device/circuit
- THz nano-photonics

#### • Fabrication/characterization for nano-photonics

- Self-assembled growth/deposition
- Photo/chemical synthesis/deposition
- Nano-imprint, etching, deposition
- Laser/ion-beam writing/processing
- Scanning optical microscope-assisted process
- Nano-probe-assisted process/characterization
- Optical nano-manipulation/tool
- Modeling/diagnostics for nano-photonics

### Important Dates:

Abstract submission deadline: January 31, 2010  
Abstract acceptance date: March 10, 2010  
Pre-registration deadline: April 30, 2010

### Publications:

Selected submissions will be published in the Journal of Nonlinear Optical Physics and Materials (JONPM). JONPM is an international journal in English and is indexed by both SCI and EI.



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