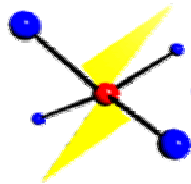


**Photon Craft
International Cooperative Research Project
The 2nd Symposium**

**September 24 (Fri.), 2004
Shin-Miyako Hotel
Kyoto, Japan**



ICORP
Photon Craft Project

**Photon Craft International Cooperative Project
ICORP, JST and SIOFM, CAS**

会場の御案内

新・都ホテル
京都市南区京都駅八条口
TEL : 075-661-7111
FAX : 075-661-7135

懇親会の御案内

シンポジウム終了後 17:30 より懇親会を開催
いたしますので、奮って御参加下さい。
(参加費 3,000 円を当日申し受けます。)

問い合わせ先

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E-mail : jrj@photon.jst.go.jp



PROGRAM

- 10:00 **Opening Ceremony :**
Chair: Prof. K. Hirao: Introductory Talk
Mr. K. Okimura (JST)
Ms. W. Chen and Prof. R. Li (CAS)
- 1st Part**
Chair: J. Qiu (JST, Japan)
- 10:20 **Plenary Lecture I :**
Structure study on amorphous thin films for photonics
Prof. F. Gan (Fudan University, China)
- 10:55 **Plenary Lecture II :**
Selenium and Tellurium in photonic glasses
Prof. J. Lucas (Univ. Rennes I, France)
- 11:30 **Plenary Lecture III :**
Creation, transformation and decay processes of metastable defects in SiO₂-based glasses: a microscopic picture of photo-induced effects
Prof. T. Uchino (Kobe University, Japan)
- 12:05- **Lunch & Poster Presentation**
- 2nd Part**
Chair: K. Tanaka (Kyoto Univ., Japan)
- 13:30 Manipulation of nano-particles inside transparent glasses
J. Qiu (JST, Japan)
- 13:40 Micro-chip laser using nano-porous glasses
D. Chen (CAS, China)
- 13:50 Valence state control of active ions in glasses
X. Jiang (CAS, China)
- 14:00 Femtosecond coherent field induced periodical structures in glasses
Q. Zhao (CAS, China)
- 14:10 Bi-doped glasses for super-broad optical amplifications
M. Peng (CAS, China)
- 14:30 **Plenary Lecture IV :**
Present and potential of research on glass transition and glass microstructure
Prof. M. Tomozawa (RPI, USA)
- 15:05 **Plenary Lecture V :**
Creating unusual properties in glass by light: from second-order nonlinearity to form birefringence
Prof. P. Kazansky (Univ. of Southampton, UK)
- 15:40 **Plenary Lecture VI :**
Present and potential of rare-earth-doped glasses
Prof. S. Tanabe (Kyoto University, Japan)
- 16:15 Multiphoton-induced periodic microstructures inside bulk polymers by multibeam laser interference
J. Si (JST, Japan)
- 16:25 Dynamics of femtosecond laser induced phenomenon
T. Sakakura (Kyoto University, Japan)
- 16:35 Fabrication of novel optical fiber attenuator by irradiation of femtosecond laser
T. Nagakane (JST, Japan)
- 16:45 Nano-grating fabrication inside transparent materials by using femtosecond laser beam
Y. Shimotsuma (Kyoto University, Japan)
- 16:55 Fabrication of integrated micro-optical elements
T. Nakaya (JST, Japan)
- 17:05 **Concluding Remarks :** Prof. K. Hirao
Prof. C. Zhu
- 17:30 **Banquet**
Chair: J. Qiu

coffee break