



## Work Shops

# UVSOR Workshop VI

*"Current Status of Atomic and Molecular Science using  
Synchrotron Radiation and its future view at UVSOR"*

13 and 14 March, 2000

**13 Mar. (Mon) 13:00-19:00 (coffee break included)**

<First half> Chair and discussion leader: **N. Kosugi (IMS)**

1. Present status of photochemical and molecular spectroscopic investigations at HiSOR

**A. Hiraya (Hiroshima Univ.)**

2. Studies on dynamics of core excited atoms and molecules at ETL

**I.H. Suzuki (ETL)**

3. Two-dimensional photoelectron spectroscopy of multi-atomic molecules; vibration and dissociation of excited molecules

**K. Mitsuke (IMS)**

<Second half> Chair and discussion leader: **E. Shigemasa (IMS)**

1. Photoion spectroscopy for molecular targets in their valence excitation regions at UVSOR

**T. Masuoka (Osaka City Univ.)**

2. Photoelectron spectroscopy using circularly polarized radiation at PF

**K. Soejima (Niigata Univ.)**

3. Current status of the soft x-ray photochemical beamline at Spring-8 and future plans

**H. Ohashi (JASRI)**

4. Photodissociation dynamics of ozone

**T. Gejo (IMS)**

**14 Mar. (Tue) 9:00-15:00 (coffee break included)**

<Morning session> Chair and discussion leader: **E. Shigemasa (IMS)**

1. Studies on atomic and molecular inner-shell excitations and their subsequent processes, utilizing Spring-8 and PF

**K. Ueda (Tohoku Univ.)**

2. Present status of studies on atomic and molecular physics at PF

**J. Adachi (PF)**

3. New electron spectroscopy for realizing resolutions with sub-natural widths

**K. Ito (PF)**

**<Afternoon session>** Chair and discussion leader: **N. Kosugi (IMS)**

1. Dynamics and spectroscopy of superexcited molecules; experiments at PF

**N. Kochi (Tokyo Institute Tech.)**

2. Inner-shell excitations in large molecules

**T. Ibuki (Kyoto Univ. Education)**