

The 4th KAERI - Osaka Univ. Joint Workshop on Radiation Research

1. Pulse Radiolysis & Photo Chemistry

| Time | | Speaker | Title |
|-------|-------|--|--|
| 9:30 | 09:50 | Reception | |
| 09:50 | 10:00 | In Cheol Lim (Senior Vice President, KAERI) | Welcoming Address |
| 10:00 | 10:30 | Yoichi Yoshida (Osaka Univ.) | Attosecond/Femtosecond Pulse Radiolysis |
| 10:30 | 10:40 | Group Photo | |
| 10:40 | 11:10 | Tae Kyu Ahn (Sungkyunkwan Univ.) | A Photosynthetic Engine to Make Artificial Cells |
| 11:10 | 11:40 | Kiyohiko Kawai (Osaka Univ.) | Radical Ion Generation on DNA |
| 11:40 | 13:00 | Lunch | |
| 13:00 | 13:40 | KAERI Laboratory Tour | |

2. Time-resolved Electron Microscopy/Diffraction & Free-Electron Laser

| Time | | Speaker | Title |
|-------|-------|-----------------------------------|--|
| 13:40 | 14:10 | Nikolay Vinokurov (Budker INP) | Novosibirsk FEL Facility |
| 14:10 | 14:40 | Yasuko Osakada (Osaka Univ.) | Radiation and Photochemistry Based Bioscience |
| 14:40 | 15:00 | Seong Hee Park (Korea Univ.) | Plan for Microtron-based Radiation Facility at Korea University |
| 15:00 | 15:15 | Coffee Break | |
| 15:15 | 15:45 | Jinfeng Yang (Osaka Univ.) | Ultrafast Electron Microscopy with Femtosecond Electron Pulses |
| 15:45 | 16:05 | Hyun Woo Kim (KAERI) | Ultrafast Electron Diffraction Beamlines in KAERI |
| 16:05 | 16:25 | Key Young Oang (KAERI) | Molecular Structural Dynamics Study Using Time-Resolved Diffraction |
| 16:25 | 16:40 | Coffee Break | |
| 16:40 | 16:10 | Yoshihide Honda (Osaka Univ.) | Present Status and Plan of Research Laboratory for Quantum Beam Science (RLQBS) |
| 17:10 | 17:30 | Hana Kim (KAERI) | Intense Energetic Ion Beam from Layered-foil Targets Irradiated by an Ultraintense Laser |
| 17:30 | 17:50 | Sangyoon Bae (KAERI) | Development of a High-power THz FEL Laser Using a Microtron Accelerator |
| 17:50 | 20:00 | Discussion / Banquet | |