**Parallel Session: Chemistry and Material Sciences**

Date: December 19th (Thursday)

Room: 化學系松柏講堂

|  |  |
| --- | --- |
| **Theme** | **Material Synthesis and Microscopy (Chair: Prof. TOKITOH, N.)** |
| 13:40~14:00 | Opening Remarks: KU (Prof. Tokitoh); NTU (Dr. L. C. Chen) |
| 14:00~14:25 | Prof. KURATA, Hiroki (Institute of Chemical Research, KU)*Interface structures of oxide thin films* |
| 14:25~14:50 | Prof. LIU, Ru-Shi (Department of Chemistry, NTU)*Light Conversion to Light Materials: Phosphors for LEDs* |
| 14:50~15:15 | Prof. SHIMAKAWA, Yuichi (Institute of Chemical Research, KU)*Synthesis of new functional oxide materials* |
| 15:15~15:40 | Dr. CHU, Ming-Wen (Center for Condensed Matter Sciences, NTU)*Atomic-Scale Observation of Electronic Reconstruction at Oxide Interfaces* |
| 15:40~16:10 | Coffee Break |
|  | **Organic Chemistry (Chair: Dr. CHU, M.-W.)** |
| 16:10~16:35 | Prof. TOKITOH, Norihiro (Institute of Chemical Research, KU)*Recent Progress in Organoelement Chemistry* |
| 16:35~17:00  | Prof. LIU, Shiuh-Tzung (Department of Chemistry, NTU)*Ligand effect on transition metal catalyzed reactions* |

**Parallel Session: Chemistry and Material Sciences**

**D**ate: December 20th (Friday)

Room: 化學系松柏講堂

|  |  |
| --- | --- |
| **Theme** | **Organic Chemistry and Applications (Chair: Prof. TOKITOH, N.)** |
| 09:00~09:25  | Prof. PENG, Shie-Ming (Department of Chemistry, NTU; Vice President, Academia Sinica)*The Road to Molecular Metal Wires: The Past and Recent Advances of Metal String Complexes* |
| 09:25~09:50 | Prof. OZAWA, Fumiyuki (Institute of Chemical Research, KU)*Catalytic Direct Arylation Polymerization: Scope and Mechanism* |
| 09:50~10:15  | Prof. CHEN, Chun-Wei (Department of Materials Science and Engineering, NTU)*Nanomaterials for Organic Photovoltaics* |
| 10:15~10:40  | Prof. YAMAGO, Shigeru (Institute of Chemical Research, KU) *Recent Advances in Organotellurium-Mediated Living Radical Polymerization*  |
| 10:40~11:10 | Coffee Break |
| **Theme** | **Solid-State Chemistry (Chair: Dr. Chu, M.-W.)** |
| 11:10~11:35  | Dr. CHOU, Fang-Cheng (Center for Condensed Matter Sciences, NTU)*Real vs. reciprocal space view of graphene and topological insulators* |
| 11:35~12:00 | Dr. CHEN, Wei-Tin (Center for Condensed Matter Sciences, NTU)*Science with extreme conditions: Novel materials with high pressure synthesis* |