

Workshop on Atomic and Molecular Science

Nov. 7, 2014 (SOFEX 2014)

Francisco Hall 401, Sogang University

12:00PM-1:20PM: Lunch

1:20PM: Welcome introduction: Doseok Kim, Sogang University

1:20PM-2:00PM: Yoshiro Azuma, Sophia University

"Many-electron effects in atoms and molecules studied with synchrotron radiation"

"Introduction to the Science and Engineering Faculty of Sophia"

2:00PM-2:30PM: Kwanwoo Shin, Sogang University

"Structures and dynamics of cellular membrane lipid molecules at interfaces: X-ray and Neutron scattering study"

2:30PM-2:50PM: Kunihiko Okada, Sophia University

"Laboratory studies of cold ion chemistry in interstellar molecular clouds"

2:50PM-3:10PM: Jeong-Hyuk Park, Sogang University

"How many is different? Answer from ideal Bose gas"

3:10PM-3:30PM: coffee break

3:30PM-4:00PM: Hyung J. Kim, Carnegie-Mellon University

"Dynamics in Ionic Liquids: A Few Surprises"

4:00PM-4:20PM: Yumiko Suzuki, Sophia University

"Organic Synthesis using nucleophilic singlet carbenes as catalysts"

4:20PM-4:40PM: Bong June Sung, Sogang University

"Dynamic decoupling and local atomic structure of multicomponent metal alloys"

4:40PM-5:10PM: coffee break

5:10PM-5:30PM: Takeshi Odagiri, Sophia University

"Spectroscopy and Dynamics of Multiply Excited Molecular Resonances"

5:30PM-5:50PM: Doseok Kim, Sogang University

"Investigation on imidazolium ionic liquids and water molecules by matrix isolation infrared spectroscopy"

5:50PM-6:10PM: Nobuhiko Kuze, Sophia University

"Gas-phase structures and internal rotation of small organic molecules: Gas electron diffraction and microwave spectroscopic studies"

6:10PM-7:30PM: lab tours

:30PM: SOFEX dinner (at Gonzaga Hall)