

Program

Monday, February 29

- 12:40–13:00 **Opening** **Chair: T.C. Kobayashi**
H. Tanaka / T. Yokoya
- 13:00–13:30 **Session A: Spectroscopy of novel superconductors** **Chair: K. Okada**
T. Yokoya (Okayama University)
Photoemission studies on novel superconductors
- 13:30–14:00 **N.L. Saini (Sapienza–Università di Roma)**
Peculiar coexisting of electronic and magnetic phases in iron-based chalcogenide superconductors
- 14:00–14:30 **H. Kumigashira (PF, KEK)**
Novel two-dimensional electron liquid states in quantum well structures of strongly correlated oxides
- 14:30–14:50 **T. Wakita (Okayama University)**
EXAFS and XANES study of $\text{CsPb}_x\text{Bi}_{4-x}\text{Te}_6$
- 14:50–15:20 **Coffee Break**
- 15:20–15:50 **Session B: New superconductors I** **Chair: Y. Muraoka**
M. Nohara (Okayama University)
Exploration of novel Superconductors using arsenic chemistry
- 15:50–16:10 **H. Horigane (Okayama University)**
Suppression of superconductivity due to decline in magnetic excitation of hole-doped iron-based superconductors
- 16:10–16:30 **K. Kobayashi (Okayama University)**
Controlling the electronic states and structural properties of Chalcogenide superconductors
- 16:30–16:50 **S. Kawasaki (Okayama University)**
Magnetic field induced CDW order in the $\text{Bi}_2\text{Sr}_{2-x}\text{La}_x\text{CuO}_{6+\delta}$ superconductor revealed by Cu-NMR
- 16:50–17:10 **Coffee Break**
- 17:10–17:40 **Session C: Superconductivity under extreme condition** **Chair: R. Kondo**
S. Kitagawa (Okayama University)
Pressure-induced superconductivity in CeNiGe_3
- 17:40–18:10 **V. Ksenofontov (Johannes Gutenberg-University)**
Local and itinerant magnetism in Fe-based superconductors
- 19:00–21:00 **Discussion / Dinner**

Tuesday, March 1

- Session D: Interface superconductivity I** **Chair: H. Goto**
- 9:00–9:30 **N. Ikeda (Okayama University)**
Possibility of superconductivity at the domain boundary of electronic ferroelectricity
- 9:30–10:00 **P.-E. Janolin (CentraleSupélec CNRS)**
Superconductivity and Ferroelectricity
- 10:00–10:20 **J. Kano (Okayama University)**
Direct observation of banded band structure in ferroelectric oxide thin films studied by the hard X-ray photoelectron spectroscopy
- 10:20–10:40 **Coffee Break**
- Session E: Interface superconductivity II** **Chair: M. Ichioka**
- 10:40–11:10 **J.-M. Triscone (University of Geneva)**
Superconductivity at the LaAlO₃/SrTiO₃ Interface
- 11:10–11:40 **Y. Kubozono (Okayama University)**
Superconductivity induced by electron-doping of 2D layered materials
- 11:40–12:00 **R. Eguchi (Okayama University)**
Superconductivity in thin single crystals of FeSe_{1-x}Te_x
- 12:00–12:20 **M. Boselli (University of Geneva)**
AFM-written conducting nanostructures at LaAlO₃/SrTiO₃ interface
- 12:20–12:35 **E. Uesugi (Okayama University)**
Electric-field-induced superconductivity in LaOBiS₂
- 12:35–13:50 **Lunch**
- Session F: New superconductors II** **Chair: K. Kudo**
- 13:50–14:10 **T. Kambe (Okayama University)**
Superconducting properties in the A_x(NH₃)₂Fe_{2-x}Se₂ (A= alkali and alkali-earth metal) single crystals
- 14:10–14:30 **N.L. Saini (Sapienza–Università di Roma)**
Determination of temperature dependent local atomic displacements in ammonia intercalated iron selenide superconductor
- 14:30–14:50 **S. Onari (Okayama University)**
Orbital order and fluctuation in multi-orbital superconductors
- 14:50–15:20 **J. Akimitsu (Okayama University)**
Quo Vadis "Superconductivity"?
–Where is the "Room Temperature Superconductor"?–
- 15:20 **Closing**
Y. Kubozono