



岡山大学 異分野基礎科学研究所

RESEARCH INSTITUTE FOR INTERDISCIPLINARY SCIENCE, OKAYAMA UNIVERSITY



Progress in Superconductivity Research – RIIS Mini-Workshop –

Research Institute for Interdisciplinary Science
Okayama University, Japan

April 23, 2019

Place: Faculty of Science Building 1, Room 21

13:55-14:00	Opening	
14:00-14:20	Kazumasa HORIGANE	Spin excitations in hole-overdoped iron-based superconductors $Ba_{1-x}K_xFe_2As_2$
14:20-14:40	Ritsuko EGUCHI	Conductivity and superconductivity at $LaAlO_3$ /Ca-doped $SrTiO_3$ interfaces
14:40-15:00	Makoto SHIMIZU	Influence of electronic structure on superconductivity in iron-based superconductors
15:00-15:20	Kazuto AKIBA	Pressure-temperature phase diagram of α -Mn
15:20-15:40	Coffee Break	
15:40-16:00	Koushi ODA	Paramagnetic pair-breaking in spin-triplet superconductors with spin-orbit coupling: Application to Sr_2RuO_4
16:00-16:20	Kazuaki MATANO	NMR studies on non-centrosymmetric superconductor $PbTaSe_2$
16:20-16:40	Nayuta TAKEMORI	Theoretical investigation of superconductivity in quasicrystals
16:40-17:00	Kazutaka KUDO	Development of novel hexagonal superconductors with $5d$ transition metals
17:00-17:05	Closing	