

Speakers	Talks
January 7, Morning	
Piers Coleman	Electrons on the brink of localization: heavy fermions and the d-f connection
M Brian Maple	Superconductivity, spin and charge order, and quantum critical behavior in correlated electron materials
Joe D Thompson	Competing States and their Consequences in Heavy-Fermion Systems
Huiqiu Yuan	Field induced dramatic change of the Fermi surface in CeRhIn ₅
Xingjiang Zhou	High Resolution Photoemission Spectroscopy on Heavy Fermion Systems
January 7, Afternoon	
Naoyuki Tateiwa	Strong Correlation between Anomalous Quasiparticle Scattering and Unconventional Superconductivity in Hidden Order Phase of URu ₂ Si ₂
John Mydosh	Some Recent Spectroscopy Studies of the Hidden Order in URu ₂ Si ₂
Nan-Lin Wang	Optical spectroscopy study on URu ₂ Si ₂
Frank Steglich	Breakdown of the Kondo effect at an antiferromagnetic instability
Oliver Stockert	Magnetically driven superconductivity at quantum phase transitions: a neutron scattering study
Guo-qing Zheng	Exotic superconducting state coexisting with antiferromagnetic order: NQR study of Ce(Rh _{1-x} Ir _x)In ₅ under pressure
January 8, Morning	
Andy Schofield	Heavy fermion physics - perspectives from look alikes
Qimiao Si	Local Quantum Criticality and Emergent Phases
Kazumasa Miyake	Heavy Fermion Superconductivity: Competition and Cooperation of Spin Fluctuations and Valence Fluctuations
Xi Dai	Local density approximation combined with Gutzwiller method for correlated electron systems: Formalism and applications
Guang-Ming Zhang	Coexistence of Kondo screening effect with the magnetic long-range correlations in the Kondo lattice systems
January 8, Afternoon	
Meigan Aronson	Geometrical Frustration and Quantum Criticality in the Shastry-Sutherland Lattice System Yb ₂ Pt ₂ Pb
Satoru Nakatsuji	Frustration and Quantum Criticality in 4f based Kondo lattice systems
Shiyan Li	Field-induced quantum critical point and nodal superconductivity in the heavy-fermion superconductor Ce ₂ PdIn ₈
Hilbert v Lohneysen	Quantum phase transition in a partially frustrated heavy-fermion system: CePdAl
Yoshinori Haga	Unconventional superconducting characteristics of heavy fermion actinide superconductors
Pengcheng Dai	Evolution of spin excitations in high-temperature iron-based superconductors
January 9, Morning	
Nicholas J Curro	Nuclear Magnetic Resonance Studies of Heavy Fermion Materials
Steffen Wirth	Scanning Tunneling Microscopy on heavy fermion metals
Hong Ding	ARPES studies of unconventional superconductors
Yi-feng Yang	A phenomenological framework for heavy electron materials
Peijie Sun	Nernst effect and Kondo scattering in (CeLa)Cu ₂ Si ₂