

Oral Session

Corrected and updated: Sept. 23

Sept. 24 (Tue.)

8:45-9:15	<i>The Bernard Coghlin Prize Talk</i>	Dipankar Das Sarma	Chair: V. Sechovsky
9:15-10:00	<i>Plenary Talk</i>	Dieter Vollhardt	Chair: H. Harima

Session	Tu-AM-3F	Tu-AM-2F	Tu-AM-1E	Tu-AM-1W
	<i>Superconductivity in ferromagnetic materials</i>	<i>Multipolar phases and fluctuations in strongly correlated electron systems</i>	<i>Metal-Insulator transition</i>	<i>Non-equilibrium phenomena in strongly correlated systems I</i>
Chair	A. de Visser	K. Miyake	T. Klein	D. Mihailovic
10:30-10:45	Jacques Flouquet	Kazuyuki Matsubayashi	Frank Lechermann	Uwe Bovensiepen
10:45-11:00				
11:00-11:15	Yo Tokunaga	Yong-Baek Kim	Veronika Sunko	Sumio Ishihara
11:15-11:30				
11:30-11:45	Jozef Spalek	Atsushi Tsuruta	Yasuhiro H. Matsuda	Dirk Manske
11:45-12:00				Yoshihiro Michishita
12:00-12:15	Fabrice Wilhelm	Tatsuya Yanagisawa	Yoshihiko Okamoto	Ryo Fujiuchi
12:15-12:30	Masahiro Manago	Dariusz Kaczorowski	Shintaro Hoshino	Kazuya Shinjo

Session	Tu-PM-3F	Tu-PM-2F	Tu-PM-1E	Tu-PM-1W
	<i>Correlated topological metals</i>	<i>Quantum spin liquids: Kitaev magnets</i>	<i>Recent progress in cerium based unconventional superconductors</i>	<i>Cuprates I: Density wave and nematicity</i>
Chair	Q. Si	Y. Motome	P. Coleman	T. Hanaguri
14:30-14:45	Naoto Nagaosa	Philipp Gegenwart	Frank Steglich	Yayu Wang
14:45-15:00				
15:00-15:15	Huiqiu Yuan	Stephen Nagler	Yoshifumi Tokiwa	Matthieu Le Tacon
15:15-15:30				
15:30-15:45	Jun Sung Kim	Kentaro Kitagawa	Eric D. Bauer	Thierry Klein
15:45-16:00				
16:00-16:15	Masaki Uchida	Martin Klanjsek	Philip Moll	Kousuke Ishida
16:15-16:30		Joji Nasu		Ivan Kocanovic

Sept. 25 (Wed.)

8:30-9:15	<i>Plenary Talk</i>	Xingjiang Zhou	Chair: A. Fujimori
9:15-10:00	<i>Plenary Talk</i>	Louis Taillefer	Chair: A. P. Mackenzie

Session	We-AM-3F	We-AM-2F	We-AM-1E	We-AM-1W
	<i>Quantum magnetism and frustration I</i>	<i>Singular charge dynamics in correlated materials</i>	<i>Recent experiments on Sr_2RuO_4</i>	<i>Spin-orbit coupled metal</i>
Chair	P. Gegenwart	Y. Tokiwa	Y. Yanase	T. M. McQueen
10:30-10:45	Senthil Todadri	Piers Coleman	Yoshiteru Maeno	Zenji Hiroi
10:45-11:00				
11:00-11:15	Martin Mourigal	Silke Paschen	Andrew Mackenzie	Tian Shang
11:15-11:30				
11:30-11:45	Ryosuke Kadono	Yosuke Matsumoto	Stuart Brown	Satoru Hayami
11:45-12:00				
12:00-12:15	Yusuke Kousaka	Shinji Watanabe	Vidya Madhavan	Beom Hyun Kim
12:15-12:30				Nan Tang
12:30-12:45			Kazushige Machida	

Session	We-PM-3F	We-PM-2F	We-PM-1E	We-PM-1W
		<i>Quantum critical phenomena and others</i>	<i>URu₂Si₂ and other uranium compounds</i>	<i>Recent Progress in magnetic and superconducting materials</i>
Chair	S. Paschen	J. A. Mydosh	J. Kishine	D. Manske
14:30-14:45	Jun Akimitsu	Shinsaku Kambe	Markus Garst	Dragan Mihailovic
14:45-15:00	Shovon Pal			
15:00-15:15	Mihael S. Grbic	Jean-Pascal Brison	Yoshihiko Togawa	Hiroki Wadati
15:15-15:30	Kazuhiko Deguchi			
15:30-15:45	Kazumasa Miyake	Vladimir Sechovsky	Sopheak Sorn	Masaro Yoshida
15:45-16:00	Xiegang Zhu		Yoram Dagan	Atsushi Ono
16:00-16:15	Shingo Araki		Gertrud Zwirnagl	Hans-Henning Klauss—Vadim Grinenko
16:15-16:30	Jeroen Custers	Qiuyun Chen	Carley Paulsen	Takuro Sato

Sept. 26 (Thu.)

8:30-9:15	<i>Plenary Talk</i>	Christoph Geibel	Chair: Y. Onuki
9:15-10:00	<i>Plenary Talk</i>	Yoshinori Tokura	Chair: H. von Lohneysen

Session	Th-AM-3F	Th-AM-2F	Th-AM-1E	Th-AM-1W
		<i>Iron-based superconductors I: Nematicity</i>	<i>Quantum magnetism and frustration II</i>	<i>Quantum criticality and superconductivity in Kondo-lattice systems</i>
Chair	H. H. Wen	H. Tanaka	K. Ishida	H. O. Jeschke
10:30-10:45	Takasada Shibauchi	Judit Romhányi	Manuel Brando	<i>The Nevill F. Mott Prize Talk</i>
10:45-11:00				Jedediah H. Pixley
11:00-11:15	Shik Shin	Owen Benton	Gael Bastien	Tao Xiang
11:15-11:30				
11:30-11:45	Johanna Palmstrom	Hilbert von Lohneysen	Youichi Yanase	Demetrio Vilardi
11:45-12:00	Thanapat Worasaran	Toshiro Takabatake		Takashi Hotta
12:00-12:15	Seung-Ho Baek	Jennifer Reid		Yusuke Nomura
12:15-12:30	Hiroshi Kontani	Seiichiro Suga	Kai Grube	Makoto Naka

Session	Th-PM-3F	Th-PM-2F	Th-PM-1E	Th-PM-1W
		<i>Correlated topological materials</i>	<i>Large transverse responses in noncollinear antiferromagnets</i>	<i>Twisted graphene</i>
Chair	Y. Kasahara	C. L. Broholm	D. Agterberg	E. D. Bauer
14:00-14:15	Stuart S. P. Parkin	Kamran Behnia	Takuya Iwasaki	Tyrel M. McQueen
14:15-14:30				
14:30-14:45	Cagliyan Kurdak	Ryotaro Arita	Hoi Chun Po	Tsutomu Ishimasa
14:45-15:00				
15:00-15:15	Kosuke Karube	Hua Chen	Mikihito Koshino	Marcos A. Avila
15:15-15:30				
15:30-15:45	Yoshiyuki Ohtsubo	Takahiro Tomita	Paula Mellado	Liling Sun
15:45-16:00	Lu Li		Maciej Fidrysiak	

Sept. 27 (Fri.)

8:30-9:15	<i>Plenary Talk</i>	Yuji Matsuda	Chair: K. Behnia
9:15-10:00	<i>Plenary Talk</i>	Collin L. Broholm	Chair: S. Nakatsuji

Session	Fr-AM-3F	Fr-AM-2F	Fr-AM-1E	Fr-AM-1W
		<i>UTe2 and new heavy-fermion superconductors</i>	<i>Quantum magnetism and frustration III</i>	<i>Superconductivity in the absence of time reversal/inversion symmetry</i>
Chair	J.Custers	Z. Hiroi	Y. Maeno	M. Sato
10:30-10:45	Nicholas Butch	Hidekazu Tanaka	Daniel Agterberg	Satoru Nakatsuji
10:45-11:00				
11:00-11:15	Shanta R Saha	Xiaoqun Wang	Yasuyuki Nakajima	Qimiao Si
11:15-11:30	Dai Aoki			
11:30-11:45	William Knafo	Yoshitomo Kamiya	Daniel Hafner	Joseph G. Checkelsky
11:45-12:00	Christopher O'Neill		Kazutaka Kudo	
12:00-12:15	Tatsuma D Matsuda	Alexander Tsirlin	Alexandra Palacio Morales	Sami Dzsaber
12:15-12:30	Jiasheng Chen	Joerg Sichelschmidt	Masaaki Isobe	

Session	Fr-PM-3F	Fr-PM-2F	Fr-PM-1E	Fr-PM-1W
		<i>Cuprates II: Pseudogap and pairing</i>	<i>Magnetoelectric effect and skyrmions</i>	<i>Theory of strongly correlated system II</i>
Chair	Jianping Hu	M. Tokunaga	M. Ogata	T. Tohyama
14:30-14:45	Atsushi Fujimori	Taka-hisa Arima	Junya Otsuki	<i>The Bryan R. Coles Prize Talk</i>
14:45-15:00				Liuyan Zhao
15:00-15:15	Alberto De la Torre	Istvan Kezsmarki	Philipp Werner	Munekazu Horikoshi
15:15-15:30				
15:30-15:45	Koen Mathijs Bastiaans	Yoshichika Onuki	Hae-Young Kee	Yoshiro Takahashi
15:45-16:00	Yu-Te Hsu			
16:00-16:15	Takahiro Ohgoe	C. Pappas	Tomáš Novotný	Yoji Ohashi
16:15-16:30	Arata Tanaka (Fr-L-25)	Max Hirschberger		
16:30-16:45				Daisuke Yamamoto

Sept. 28 (Sat.)

8:30-9:15	<i>Plenary Talk</i>	Liang Fu	Chair: S. Fujimoto
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Session	Sa-AM-3F	Sa-AM-2F	Sa-AM-1E	Sa-AM-1W
		<i>Topological superconductivity and topological phenomena</i>	<i>Iron-based superconductors II: Pairing and topological state</i>	<i>Ferroelectricity-based phenomena</i>
Chair	G.-q. Zheng	T. Shibauchi	T. Arima	S. Ohara
9:45-10:00	Dong-Lai Feng	Haihu Wen	Alexander Balatsky	Simon Gerber
10:00-10:15				
10:15-10:30	Masatoshi Sato	Tetsuro Hanaguri	Yasuhide Tomioka	Robert Küchler
10:30-10:45				
10:45-11:00	Takeshi Mizushima	Jiangping Hu	Matthew John Coak	Nan-lin Wang
11:00-11:15		Discussion organize by Chair		
11:15-11:30	Hideaki Sakai	Damianos Chatzopoulos	Masashi Tokunaga	Liu Hao Tjeng
11:30-11:45	Michi-To Suzuki	Shigeaki Miyasaka		Christian Franz

12:00-12:30	<i>Summary Talk</i>	Hilbert von Lohneysen	Chair: H. Amitsuka
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