

	Date	Place	ID	TIME	Name	Affiliation	Theme		
A Cluster Keynote Chair: Shin-ichi ORIMO Koichi HAYASHI Taisuke OZAKI	Dec.11	Ken-1	AX-11-CLK01	16:30-17:10	Truls NORBY	University of Oslo	Ions and electrons at interfaces of functional ionic materials		
			AX-11-CLK02	17:10-17:50	Kenji OHOYAMA	Ibaraki University	White Neutron Holography – New Probe of Local Atomic Structures around Dopants in J-PARC		
			AX-11-CLK03	17:50-18:30	Teruyasu MIZOGUCHI	The University of Tokyo	Bridging atomic-resolution experiment and computation using machine learning		
B Cluster Keynote Chair: Shinji Tsuneyuki	Dec.12	Ken-1	BX-12-CLK01	9:30-10:20	Matthias Scheffler	Fritz Haber Institute of the Max Planck Society	When the New Science is in the Outliers		
			BX-12-CLK02	10:20-11:10	Isao Tanaka	Kyoto University	Data driven discovery of new materials		
			BX-12-CLK03	11:10-12:00	Efi Efrati	Weizmann Institute of Science	Geometric frustration and the intrinsic approach in material science		
C Cluster Keynote Chair: Eiji Abe Junichi Tatami	Dec.13	Ken-1	CX-13-CLK01	14:00-14:40	Yoshihito KAWAMURA	Kumamoto University	Evolution of LPSO Structure to Mille-Feuille Structure in Ultrahigh-Strength Magnesium Alloys		
			CX-13-CLK02	14:40-15:20	Tatsuki OHJI	National Institute of Advanced Industrial Science and Technology	Additive Manufacturing of Ceramic Components with Unique Structures		
			CX-13-CLK03	15:20-16:00	Costantino Creton	CNRS Research Director, ESPCI, Paris Tech, France	Detecting bond scission in fracture of soft materials		
D Cluster Keynote Chair: Yoshihiro Iwasa Kenji Shiojima Susumu Saito	Dec.12	Ken-1	DX-12-CLK01	14:00-14:40	Qi-kun XUE	Tsinghua University	Atomic-level control of high temperature superconductor materials for unveiling their pairing mechanism		
			DX-12-CLK02	14:40-15:20	Takashi SHINOHE	FLOSFIA INC.	Development of Corundum-Structured Gallium Oxide Power Devices by MIST EPITAXY®		
			DX-12-CLK03	15:20-16:00	Naoto NAGAOSA	RIKEN and U. Tokyo	Emergent electromagnetism in quantum materials		
E Cluster Keynote Chair: YoshiChika Otani Jun Sugiyama	Dec.11	Ken-1	EX-11-CLK01	9:30-10:10	Thomas Jungwirth	University of Nottingham/Institute of Physics, Academy of Sciences of the Czech Republic	Antiferromagnets for neuromorphics and opto-electronics		
			EX-11-CLK02	10:10-10:50	Martin Mansson	Royal Institute of Technology	Quantum Criticality in Organometallics Studied by Neutrons & Muons		
				10:50-11:05	Break				
			EX-11-CLI03	11:05-11:35	Vincent Baltz	SPINTEC - Univ. Grenoble Alpes / CNRS / CEA / GINP	Probing antiferromagnets with currents		
			EX-11-CLI04	11:35-12:05	Akihiro Koda	KEK IMSS	Nanocrystalline formation of the iron-based soft magnet FINEMET studied by operando muon spin rotation technique		
F Cluster Keynote Chair: Yoshiharu SAKURAI Atsuo YAMADA Takao MORI	Dec.12	Ken-1	FX-12-CLK01	16:30-17:10	Yukio TAKAHASHI	Tohoku University	Hard X-ray spectro-ptychography: Visualization of heterogeneous oxygen storage behavior in three-way catalyst particles		
			FX-12-CLK02	17:10-17:50	Ying Shirley MENG	University of California San Diego	Quantifying Inactive Lithium in Lithium Metal Batteries		
G Cluster Keynote Chair: Tsutomu Miyasaka	Dec.13	Ken-1	GX-13-CLK01	9:30-10:05	Martin Kaltenbrunner	Johannes Kepler University Linz	Soft Electronic and Robotic Systems		
			GX-13-CLK02	10:05-10:40	Toshio Kamiya	Tokyo Institute of Technology	Design, development, and doping of novel inorganic optoelectronic functional materials		
			GX-13-CLK03	10:40-11:15	Luis M. Liz-Marzán	CIC biomaGUNE	Gold Nanorods with Ultranarrow LSPR Bands		
			GX-13-CLK04	11:15-11:50	NamGyu Park	School of Chemical Engineering, Sungkyunkwan University (SKKU)	Perovskite Solar Cells: History, Progress and Perspective		
H Cluster Keynote Chair: Katsuya Teshima Tetsuya Yamamoto	Dec.11	Ken-1	HX-11-CLK01	14:00-14:30	Kazunari Domen	The University of Tokyo / Shinshu University	Photocatalytic water splitting for solar hydrogen production		
			HX-11-CLK02	14:30-15:00	Alexander Fridman	Drexel University	Plasma Synthesis, Conversion, and Processing of Energetic Materials		
			HX-11-CLK03	15:00-15:30	Ekaterina Chikoidze	Paris Saclay University	Gallia(Ga ₂ O ₃) for Green and Efficient Energy applications		
			HX-11-CLK04	15:30-16:00	Akira Ando	Murata Manufacturing Co., Ltd.	Lead-free Piezoelectric Ceramics - Future perspectives -		
I Cluster Keynote Chair: Jun Kikuchi Masaya Yamamoto	Dec.13	Ken-1	IX-13-CLK01	16:30-17:15	Nobuyuki Kawashima	Mitsui Chemicals, Inc.	Importance of strengthening “venous industry” for future plastics		
			IX-13-CLK02	17:15-18:00	Hui-suk Yun	Korea Institute of Materials Science	Ceramic Additive Manufacturing Technologies for Biomedical applications		