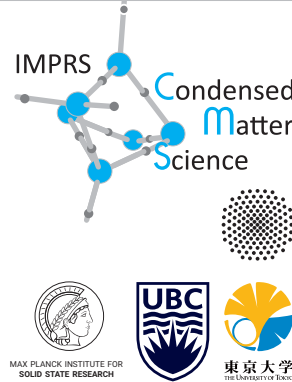


Program of Summer School of the IMPRS-CMS & MPI-UBC-UTokyo Center for Quantum Materials

Design and Synthesis of Quantum Materials

Time Zones			Monday Sep 28, 2020	Tuesday Sep 29, 2020	Wednesday Sep 30, 2020	Thursday Oct 1, 2020	Friday Oct 2, 2020
Stuttgart	Vancouver	Tokyo					
08:00	23:00	15:00				Online Discussion Tokyo	
09:00	00:00	16:00	Welcome	Online Discussion Tokyo	Online Discussion Tokyo	Student Prize Talks Tokyo	
10:00	01:00	17:00	Soft Chemical Synthesis Routes to Novel Quantum Materials Michael A. Hayward (U Oxford)	High Pressure Synthesis of Quantum Materials J. Paul Attfield (U Edinburgh)	Recent Advances in the Synthesis of Mixed-Anion Compounds Hiroshi Kageyama (U Kyoto)	Molecular Quantum Materials Martin Dressel (U Stuttgart)	
11:00	02:00	18:00					
12:00	03:00	19:00	Student Presentations Tokyo	Break	Break	Break	Students' Videos "My Lab / Work" & Barbecue at MPI
13:00	04:00	20:00	Break				
14:00	05:00	21:00	Structure – Bonding Interactions in Functional Materials Wolfgang Zeier (U Gießen)	tba Joachim Maier (MPI-FKF)	Material Trends in the Chemical Bonding and Electronic Structure of Quantum Materials Atsushi Fujimori (U Tokyo)	tba Nicole A. Benedek (U Cornell)	
15:00	06:00	22:00					Closing Remarks
16:00	07:00	23:00	Student Presentations Vancouver	Break	Online Discussion Vancouver	Break	
17:00	08:00	00:00	Voting for Student Prize Talks	Online Discussion Vancouver	Student Prize Talks Vancouver	Online Discussion Vancouver	
18:00	09:00	01:00	tba Arthur P. Ramirez (UC Santa Cruz)	Quantum Materials Discovery with Metallic Flux Growth Alannah Hallas (UBC)	Two-dimensional Fe-based Superconductors and Ferro- magnetic Materials Grown by Molecular Beam Epitaxy Ke Zou (UBC)	tba Curtis Berlinguette (UBC)	
19:00	10:00	02:00					
			General & Organisation	Synthesis	Characterisation	Rational Design	Student Contributions