Nobel Symposium on Chiral Matter

Week: June 28-July 1, 2021 Start Time: 2.0 pm

	Mon	Tue	Wed	Thu
9:00-10:00	Arrival, registration			
10:00-10:30	Arrival, registration			
10:30-11:30	Arrival, registration			
12:00-13:00	Lunch	Lunch	Lunch	Lunch
13:00-14:00	13.50 Welcome; Mats Larsson			
14:00-14:45	Frank Wilczek IP; Keynote Lecture	Dmitri Kharzeev Z; Chiral Magnetic Effect in Heavy Ion Collisions and Beyond	Yoshinori Tokura Z; Emergent electromagnetic phenomena in spin chiral matter	Martin Quack IP; Parity Violation in Chiral molecules: From Theory towards Spectroscopic Experiment and the Evolution of Biomolecular Homochirality
14:45-15:30	Axel Brandenburg IP; Chirality in Astrophysics	Helen Caines Z; Using Ultra-Relativistic Heavy-Ion Collisions to Search for the Chiral Magnetic Effect and Local Parity Violation	Bert Halperin Z; Quantum Hall Effects: Two-Dimensional Electron Systems in a Strong Magnetic Field	Peter Wolynes Z; Learning the Energy Landscape of Chromosomes
15:30-15:45	Coffee	Coffee	Coffee	Coffee
15:45-16:30	Mikhail Shaposhnikov Z; Chirality in Cosmology	Phuan Ong Z; Two Chiral Currents: the Chiral Anomaly in Dirac Semimetals and the Planar Thermal Hall Effect in a Kitaev Spin Liquid	Donna Blackmond Z; The Emergence of Biological Homochirality	Kenso Soai Z; Asymmetric Autocatalysis and the Origin of Homochirality
16:30-17:15	Geoffrey Blake Z; Chiral Molecules in Cosmochemistry	Qiang Li Z; Dynamics of Chiral Fermions in Condensed Matter Systems	Alexander Molochkov IP; Nonperturbative Casimir Effects: Vacuum Structure, Confinement, and Chiral Symmetry Breaking	Sarah Price Z; Chiral Separation by Crystallization: From Theory Towards Reality
18:00-19:00	Dinner	Dinner	Dinner	Roman Zubarev IP; On Chirality, Symmetry, Entropy and Isotopes
19:00-19:45	John Doyle Z; Spectroscopy of Chiral Molecules	Aharon Kapitulnik Z; Experimental Search for Chiral Superconductors	Ben Feringa Z; A Chiral Space Odyssey	Conference dinner
19:45-20:30	Olga Smirnova IP; Geometric Magnetism and New Enantio-Sensitive Observables in Chiral Molecules	Claudia Felser IP; Chiral Effects in Magnetic and Chiral System	Ron Naaman IP; Chirality-Induced Spin Polarization	
20:30-21:15		Dam Thanh Son Z; Chiral "Graviton" in the Fractional Quantum Hall Effect		
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