

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Condensed Matter and Materials Research Committee
Spring Meeting – April 11, 2019
National Academies' Keck Center –Washington, DC

CONNECTION INFORMATION AVAILABLE BY REGISTERING AT:
[HTTP://CMMRC.EVENTBRITE.COM](http://CMMRC.EVENTBRITE.COM)

Thursday, April 11, 2019		
CLOSED SESSION - Rm 105		
7:30 am	<i>Working Breakfast</i>	
7:50	Committee discussion	Committee
OPEN SESSION - E St Conference Room		
10:00	<i>Workshop - Frontiers in Thermal Transport and Energy Conversion</i>	
10:00	Workshop introduction	Aharon, David, Tom L, Peter, Tom W, <i>Planning Committee</i>
10:15	<i>Workshop plenaries</i>	
10:15	Thermal Transport and quasi-particle hydrodynamics)	Kamran Behnia, ESPCI, Paris
11:05	Thermal Transport Beyond the Quasiparticle Paradigm	Sean Hartnoll, Stanford University
12:00 pm	Probing candidate spin liquids and frustrated quantum magnets by the thermal Hall conductivity	Phuan Ong, Princeton University
12:50	Working Lunch	
1:20	Quantization of the thermal Hall conductivity at small Hall angles	Lucile Savary, ENS, Lyon
2:10	Thermal Spin Transport: spin-Seebeck, magnon-drag, paramagnon drag	Joseph Heremans, Ohio State University
3:00	Break	
3:15	Moderated discussion	Ashvin Vishwanath, Harvard University
CLOSED SESSION – Committee and National Academies Staff Only		
4:45	Committee Discussion	Committee
6:15	<i>Meeting Adjourns</i>	
6:45	<i>Working Dinner</i>	Committee, Staff, and Guests

GENERAL NOTES

OPEN

Topic: NASEM Workshop: Workshop on Frontiers in Thermal Transport and Energy Conversion

Time: Apr 11, 2019 10:00 AM Eastern Time (US and Canada)

Meeting ID: 586 130 1793

PC: <https://nasem.zoom.us/j/5861301793>

Telephone: 646 558 8656 or +1 669 900 6833 or 888 475 4499 (Toll Free) or 877 853 5257 (Toll Free)

International numbers available: <https://zoom.us/u/ajS8UoBvK>

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