

OIST-UC Santa Barbara Mini Symposium
"Materials of Tomorrow: Harnessing Responsiveness, Intelligence, and Sustainability"

PROGRAM

OPENING

9:00	0:05	<i>Welcoming Remarks by Dr. Christine Luscombe, OIST Professor, Scientific Organizer</i>	
9:05	0:05	<i>Welcoming Remarks by Dr. Karin Markides, OIST president</i>	
9:10	0:10	<i>Meet n' Greet by Dr. Nicholas Luscombe, OIST Dean of Research</i>	

TALK SESSION 1: Quantum Frontiers: Designing Functional Materials

9:20	0:20	Dr. Yoshinori Okada	Associate Professor, OIST	Rich electronic emergence in low dimension	Chair: Ryota Kabe
9:40	0:20	Dr. Stephen Wilson	Professor, UCSB	Kinetic and magnetic frustration on hexagonal lattices in quantum materials	
10:00	0:20	Dr. Ram Seshadri	Fred and Linda R. Wudl Professor, UCSB	Developing Design Rules for Functional Materials	
10:20	0:20	Dr. Eliot Fried	Professor, OIST	From seeds to structures: Advancements in the fabrication of nanocrystalline diamond films	
10:40	0:30	Q&A and Discussion			
11:10	0:30	Break			

TALK SESSION 2: Exploring Photoinduced Phenomena

11:40	0:20	Dr. Julien Madeo	Staff Scientist, OIST	Visualizing Excitons in momentum, space, time and energy	Chair: Chris Bates
12:00	0:20	Dr. Ryota Kabe	Assistant Professor, OIST	Organic semiconductors showing photoinduced carrier accumulation	
12:20	0:30	Q&A and Discussion			
12:50	1:10	Lunch			

TALK SESSION 3: Advancing Energy Technologies with Polymers

14:00	0:20	Dr. Rachel Segalman	Edward Noble Kramer Professor, UCSB	Conjugated Polymer Coacervates as Battery Binders	Chair: Julia Khusnutdinova
14:20	0:20	Dr. Christine Luscombe	Professor, OIST	Deciphering ionic and electronic motion in mixed ionic/electronic conducting polymers	
14:40	0:20	Dr. Thuc-Quyen Nguyen	Professor, UCSB	Conjugated Polyelectrolytes for Emerging Technologies	
15:00	0:30	Q&A and Discussion			
15:30	0:30	Break			

TALK SESSION 4: Designing Sustainable and Responsive Materials

16:00	0:20	Dr. Chris Bates	Associate Professor, UCSB	Scalable Design of Sustainable Pressure-Sensitive Adhesives	Chair: Stephen Wilson
16:20	0:20	Dr. Angela Pitenis	Assistant Professor, UCSB	Bioinspired fragility	
16:40	0:20	Dr. Julia Khusnutdinova	Associate Professor, OIST	Dynamic base metal complexes as new tools for mechanoresponsive materials	
17:00	0:30	Q&A and Discussion			

Closing

17:30	0:05	<i>Closing remarks by Dr. Ram Seshadri, UCSB Professor, Scientific Organizer</i>	
17:35	0:05	<i>Closing remarks by Dr. Amy Shen, OIST Provost</i>	

Networking Session

18:00	2:00	<i>Please proceed to Hiyori Hotel if you have registered to attend the reception dinner.</i>	
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