

# Agenda

## 2017 **OSU** MATERIALS WEEK

May 9 – 12, 2017

### TUESDAY, MAY 9, 2017

1:30 – 2:00 PM	Welcome and introductions	Blackwell Ballroom
2:00 – 3:00 PM	<b>IMR KEYNOTE ADDRESS:</b> Ayodhya N. Tiwari, <i>Empa–Swiss Federal Laboratories for Materials Science and Technology, ETH (Swiss Federal Institute of Technology) Zurich, and Flisom Company</i>	Blackwell Ballroom
3:00 – 4:00 PM	Welcome Reception	Blackwell Patio
4:00 – 5:00 PM	Finals for the Three Minute Thesis (3MT®) Competition	Blackwell Ballroom

Color Guide for Presenters Days

- **TUESDAY**
- **WEDNESDAY**
- **THURSDAY**
- **FRIDAY**



# WEDNESDAY, MAY 10, 2017

8:30 AM	Registration	Pfahl Hall Lobby
8:45 – 9:00 AM	Introductions	140 Pfahl Hall
9:00 – 11:45 AM	<b>Cross Cutting Session I:</b> <b>MATERIALS AND MANUFACTURING FOR SUSTAINABILITY</b> Session Chair and Panel Moderator: Glenn Daehn	140 Pfahl Hall
9:00 AM	Cross Cutting Speaker: Carolin Fink, <i>The Ohio State University</i>	
9:30 AM	Cross Cutting Speaker: Joerg Jinschek, <i>The Ohio State University</i>	
10:00 AM	Cross Cutting Speaker: John Horack, <i>The Ohio State University</i>	
10:30 AM	Manufacturing Panel: Ned Hill, <i>The Ohio State University</i> ; Farhang Pourboghra, <i>The Ohio State University</i> ; John Bair, <i>The Ohio State University</i> ; Jay Sayre, <i>The Ohio State University</i>	
11:45 AM – 1:00 PM	Lunch – on your own	
1:00 – 4:45 PM	<b>Focus Session 1:</b> 140 Pfahl Hall <b>MATERIALS INNOVATION</b> Session Chair: Sanjay Krishna Panel Moderator: Qirui Fan, <i>Core Quantum Technologies</i>	<b>Focus Session 2:</b> 302 Pfahl Hall <b>MATERIALS &amp; NANOSTRUCTURES FOR MAGNETIC SKYRMIONS</b> Session Chair: Roland Kawakami
1:00 PM	Brian Korgel, <i>University of Texas at Austin</i>	Geoffrey Beach, <i>Massachusetts Institute of Technology</i>
1:45 PM	Matthew Tirrell, <i>University of Chicago and Argonne National Laboratory</i>	Axel Hoffmann, <i>Argonne National Laboratory</i>
2:30 PM	Break	Break
2:45 PM	Katrina Cornish, <i>The Ohio State University</i>	Mohit Randeria, <i>The Ohio State University</i>
3:15 PM	Wu Lu, <i>The Ohio State University</i>	Fengyuan Yang, <i>The Ohio State University</i>
3:45 PM	<b>Innovation &amp; Commercialization Panel:</b> Steve Risser, <i>Battelle Memorial Institute</i> ; William Benson, <i>Worthington Industries</i> ;	Adam Ahmed, <i>The Ohio State University</i>
4:15 PM	Rob Ellis, <i>Lake Shore Cryotronics</i> ; Arfaan Rampersaud, <i>Columbus Nanoworks, Inc.</i> ; Katrina Cornish, <i>The Ohio State University</i>	Discussion Panel
5:00 – 7:00 PM	Poster Session and Evening Reception	Blackwell Ballroom and Patio

# THURSDAY, MAY 11, 2017

8:30 AM	Registration	Pfahl Hall Lobby
8:45 – 9:00 AM	Introductions	140 Pfahl Hall
9:00 – 11:00 AM	<b>Cross Cutting Session 2:</b> <b>MATERIALS AND MANUFACTURING FOR SUSTAINABILITY</b> Session Chair: Glenn Daehn	140 Pfahl Hall
9:00 AM	<b>Cross Cutting Speaker:</b> Sanjay Krishna, <i>The Ohio State University</i>	
9:30 AM	<b>Cross Cutting Speaker:</b> Chun Ning (Jeanie) Lau, <i>The Ohio State University</i>	
10:00 AM	<b>Cross Cutting Speaker:</b> Marc Bockrath, <i>The Ohio State University</i>	
10:30 AM	<b>Cross Cutting Speaker:</b> Jung Hyun Kim, <i>The Ohio State University</i>	
11:00 AM – 1:00 PM	Lunch – on your own	
1:00 – 4:45 PM	<b>Focus Session 3:</b> 140 Pfahl Hall <b>INTEGRATED DESIGN OF MATERIALS</b> Session Chair: Yuan-Ming Lu	<b>Focus Session 4:</b> 302 Pfahl Hall <b>INNOVATIONS IN ADVANCED MICROSCOPY</b> Session Chairs: Jinwoo Hwang and Joerg Jinschek
1:00 PM	Greg Fiete, <i>University of Texas at Austin</i>	Andre Mkhoyan, <i>University of Minnesota</i>
1:45 PM	N. Peter Armitage, <i>Johns Hopkins University</i>	Taylor Woehl, <i>University of Maryland</i>
2:30 PM	Break	Break
2:45 PM	Peter Abbamonte, <i>University of Illinois at Urbana–Champaign</i>	Antonio Ramirez, <i>The Ohio State University</i>
3:15 PM		Tyler Grassman, <i>The Ohio State University</i>
3:45 PM	Nandini Trivedi, <i>The Ohio State University</i>	Joerg Jinschek, <i>The Ohio State University</i>
4:15 PM	Joseph Heremans, <i>The Ohio State University</i>	Jinwoo Hwang, <i>The Ohio State University</i>
5:00 – 7:00 PM	Poster Session and Evening Reception	Blackwell Ballroom and Patio

# FRIDAY, MAY 12, 2017

8:30 AM	Registration <span style="float: right;">Pfahl Hall Lobby</span>	
9:00 – 11:45 AM	<b>Focus Session 5: 140 Pfahl Hall</b> <b>NANOENGINEERED MATERIALS FOR MEDICAL APPLICATIONS</b> <i>Session Chairs: Natalia Higuiter-Castro and Joao de Sousa Oliveira</i>	<b>Focus Session 6: 302 Pfahl Hall</b> <b>WIDE BANDGAP (WBG) SEMICONDUCTORS</b> <i>Session Chair: Aaron Arehart</i>
9:00 AM	Hsueh-Chia Chang, <i>University of Notre Dame</i>	James Speck, <i>University of California, Santa Barbara</i>
9:45 AM	Sarah Heilshorn, <i>Stanford University</i>	Joel Varley, <i>Lawrence Livermore National Laboratory</i>
10:30 AM	Break	Break
10:45 AM	Jed Johnson, <i>Nanofiber Solutions, Inc.</i>	Steven A. Ringel, <i>The Ohio State University</i>
11:15 AM	Chandan Sen, <i>The Ohio State University</i>	Sriram Krishnamoorthy, <i>The Ohio State University</i>
11:45 AM	Carlos Castro, <i>The Ohio State University</i>	Leonard Brillson, <i>The Ohio State University</i>
12:15 PM	Jessica Winter, <i>The Ohio State University</i>	Siddharth Rajan, <i>The Ohio State University</i>
12:45 – 2:00 PM	Closing and Poster Awards – Pizza Lunch <span style="float: right;">Blackwell Ballroom and Patio</span>	

