industry >X< change

Sensors

AGENDA

Nittany Lion Inn, State College, PA • May 30, 2019

Unless otherwise noted, all general session events take place in the Boardroom

8:00 a.m.
Welcome Remarks
Justin Schwartz, Harold and Inge Marcus Dean of Engineering

Neil Sharkey, Vice President for Research, Penn State

8:30 a.m.
Penn State Research and Corporate Engagement
Jeff Fortin, Associate Vice President for Research; Director, Office of Industrial Partnerships, Penn State

8:45 a.m.
Keynote Address
Ravi Iyer, Intel Fellow, Director of Emerging Systems Lab, Intel Labs

9:45 a.m.
BREAK

10:00 a.m.
Networking/Poster Session
Boardroom Pre-Function

11:00 a.m.
Industry, Academia and Government Partnerships
Joan M. Redwing, Professor of Materials Science and Engineering, Electrical Engineering; Director, 2D Crystal Consortium – NSF Materials Innovation Platform, 2D Crystal Consortium

Enrique Gomez, Professor of Chemical Engineering; Principal Investigator, Proposed Engineering Research Center: Translating and Evolving Nanoscale Assembly for Society (TENAS)

Kai Wang and Yongke Yan, Assistant Research Professors of Materials Science and Engineering, Distributed Power Sources for Wireless Sensor Nodes

Noon: Lunch: Ballroom C

1:15 p.m.
Parallel Breakouts: Session Keynote Addresses *(topics/locations on reverse)*

2:00 p.m.
Parallel Breakouts: Penn State Research Overview

3:00 p.m.: BREAK

3:15 p.m.
Parallel Breakouts: Topic-Specific Moderated Panel or Round Table Discussions

4:15 p.m.
Keynote Address
Robert Harbaugh, Senior Vice President, Penn State Health Academic Medical Group; Distinguished Professor & Chair, Department of Neurosurgery; Professor of Engineering Science & Mechanics; Milton S. Hershey Medical Center

Parallel Breakout Topics and Locations

Advanced Manufacturing of Multifunctional and Smart Materials
Assembly Room

Session Keynote: Nic Duarte, Technical Leader, Electrical Solutions Platform, PPG

Moderator: Sven Bilen, Head of SEDTAPP and Professor

Environmental Monitoring and Measurement
Mt. Nittany Room

Session Keynote: Marcus Quigley, Founder and former CEO, OptiRTC

Moderator: Scott Van Tonningen, Associate Teaching Professor and Associate Director, Graduate Programs, School of Science, Engineering, and Technology (SSET), Penn State Harrisburg

Industry 4.0
Boardroom 1

Session Keynote: Stephen Leonard, Penn State New Kensington, Nextovation, Facilitator

Moderator: Hui Yang, Harold and Inge Marcus Career Associate Professor, Industrial and Manufacturing Engineering

Infrastructure Assessment and Smart Structures
Penn State Room

Session Keynote: Gary Koopmann and Jeremy Frank, KCF Technologies

Moderator: John Messner, Professor, Architectural Engineering

Real-Time Streaming Data Analytics
Boardroom 2

Session Keynote: Dharmashankar (Shankar) Subramanian, Principal Research Staff Member and Research Manager, IBM Research AI

Moderator: Jia Li, Professor, Department of Statistics, Eberly College of Science

Smart and Connected Health
Faculty Staff Club

Session Keynote: Dan Gartenberg, CEO, Sonic Sleep Coaching and Consulting Service

Moderator: Prasenjit Mitra, Professor and Associate Dean for Research, College of Information Sciences and Technology

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