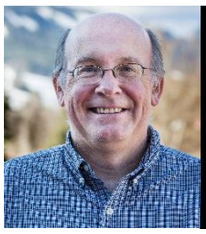
PURDUE ENGINEERING DISTINGUISHED LECTURE SERIES

The Purdue Engineering Distinguished Lecture Series hosts world-renowned faculty and engineering leaders who stimulate thought-provoking conversations and the sharing of ideas with faculty and students regarding the grand challenges and opportunities in their fields. Purdue Engineering would like to thank all participants for the 2019-2020 Purdue Engineering Distinguished Lecture Series.



SEPT 12 2019

DANIEL J. SCHEERES | University of Colorado

3:30 p.m. | ARMS Atrium Co-sponsored by: **Aeronautics & Astronautics**

It is with a certain humility that Dr. Daniel Scheeres acknowledges that he has an asteroid named in his honor. Throughout his career, Dr. Scheeres has contributed extensively to the fields of astrodynamics and orbital determination, with a specific interest in asteroids.

OCT 9 2019

JAMES DICARLO | Massachusetts Institute of Technology

6:30 p.m. | WALC 1055 Co-sponsored by: **Electrical & Computer Engineering**

Dr. Jim DiCarlo and his team aim to understand how a complex network of brain regions underlies our ability to recognize vast numbers of objects and faces rapidly.

OCT 24 2019

TRESA POLLOCK | University of California, Santa Barbara

0:00 p.m. | Pending Co-sponsored by: **Materials Engineering**

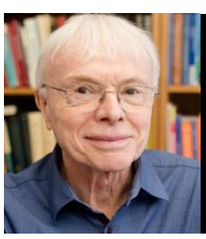
Dr. Pollock's research interests include the mechanical and environmental performance of materials in extreme environments, unique high temperature materials processing paths, ultrafast laser-material interactions, alloy design and 3-D materials characterization.

NOV 14 2019

LILA IBRAHIM | DeepMind

6:00 p.m. | ARMS Atrium Co-sponsored by: **Electrical & Computer Engineering**

As DeepMind's COO, Ms. Ibrahim was selected for her organization and technical expertise. Today, she continues to mentor young entrepreneurs and is an advocate for increasing women's representation in technology.



DEC 5 2019

THOMAS J.R. HUGHES | The University of Texas at Austin

4:30 p.m. | WALC 1055 Co-sponsored by: **Mechanical Engineering**

Thomas J.R. Hughes, P.E., Ph.D., professor of aerospace engineering and engineering mechanics, and Peter O'Donnell chair in computational and applied mathematics at The University of Texas at Austin, is honored for the pioneering development of computer-aided engineering and design technologies disseminated in industrial and commercial software used throughout the world, thereby improving engineering product development; and for originating and leading new fields of computational engineering research.

JAN 16 2020

LYNDEN A. ARCHER | Cornell University

3:00 p.m. | FRNY G140 Co-sponsored by: **Chemical Engineering**

Prof. Archer's research focuses on structure, dynamics, and transport phenomena at liquid solid interfaces. This interest ranges from fundamental science studies of how condensed liquid phases (polymers, particles, ions) move and partition near interfaces, to applications-motivated studies centered on understanding how molecular scale fluid motions at interfaces influence behaviors on macroscopic length scales.

FEB 26 2020

WILLIAM E. MOERNER | Stanford University

9:30 a.m. | MJIS 1001 Co-sponsored by: **Biomedical Engineering**

W. E. (William Esco) Moerner, the Harry S. Mosher Professor of Chemistry and Professor by courtesy of Applied Physics, has conducted research in physical chemistry, biophysics, and the optical properties of single molecules, and is actively involved in the development of 2D and 3D super-resolution imaging for cell biology.

MAR 5 2020

TAMI C. BOND | Colorado State University

10:30 a.m. | ARMS Atrium Co-sponsored by: **Chemical Engineering and Environmental & Ecological Engineering**

A respected researcher in energy consumption and global atmospheric chemistry, and a John D. and Catherine T. MacArthur Fellow, Dr. Tami Bond will join the Department of Mechanical Engineering at Colorado State University at the rank of professor. She is currently the Nathan M. Newmark Distinguished Professor at the University of Illinois at Urbana-Champaign in Civil and Environmental Engineering, and an affiliate professor in atmospheric sciences.

APR 14 2020

RONALD M. LATANISION | Massachusetts Institute of Technology

4:30 p.m. | ARMS Atrium Co-sponsored by: **Industrial Engineering**

Dr. Ronald M. Latanision is the Shell Professor of Materials Science and Engineering (Emeritus) at Massachusetts Institute of Technology. He research interest include corrosion and environmental effects; and materials processing; and metallurgy.