

# COLUMBIA UNIVERSITY

IN THE CITY OF NEW YORK

HENRY KRUMBSCHOOL OF MINES  
DEPARTMENT OF EARTH AND ENVIRONMENTAL ENGINEERING

## Earth and Environmental Engineering Colloquium – Spring 2017

Fridays, 10:10–11:25am\*

Mudd 833

### SCHEDULE

Date	Speaker	Title
Jan. 20 Fri	Edwin P Chan Materials Science and Engineering Division, NIST	Measurements to Understanding Transport in Water Desalination Membranes
Feb. 3 Fri	Pierre Gentine EAAE, Columbia University	Challenges of modeling and measuring evaporation
Feb. 24 Fri (11am <sup>†</sup> )	Rauf Hürman Eric Aalto University	Numerical Model of Phase flows in Creusot-Loire Uddeholm (CLU) Stainless Steel/Ferroalloy Refining and Pierce Smith Copper Converters
Mar. 10 Fri	John Albertson Cornell University	TBD
Mar. 24 Fri	Kaiyu Guan University of Illinois at Urbana-Champaign	TBD
Mar. 31 Fri	Jay Lee KAIST	Recent progress in machine learning and implications for the process and energy systems engineering fields
Apr. 7 Fri	Thomas Zawodzinski University of Tennessee, Knoxville	TBD
Apr. 14 Fri	Dr. Hossein Ghezel-Ayagh Director, Advanced Technology Programs, FuelCell Energy	TBD
Apr. 21 Fri	Andy Herring, PhD Colorado School of Mines	Developing New Polymer Electrolyte Membranes to Enable Electrochemical Energy Conversion
Apr. 28 Fri	Edward Rubin Carnegie Mellon University	The Outlook for Carbon Capture and Storage in Climate Change Mitigation

\* Followed by meet-and-greet till 12 noon

<sup>†</sup> Venue to be determined