

Spring 2021

Date	Speaker	Organization	Title
	Dr. Martha Grover		
02/04/2021	Professor and Associate Chair for Graduate Studies, School of Chemical and Biomolecular Engineering	Georgia Institute of Technology	Depsipeptides: a possible pathway to the origin of peptides
	Dr. Mohammad (Mim) Rahimi		
02/16/2021 at 9AM	Postdoctoral Associate, Department of Chemical Engineering	Massachusetts Institute of Technology	Electrochemical processes for climate change mitigation
	Dr. Eric Osei-Agyemang		
02/17/2021 at 9AM	Postdoctoral Research Associate, Department of Mechanical Engineering and Mechanics	Lehigh University	Predictive Thermal Engineering of Next-Generation Energy Materials
	Dr. Zhu (Clark) Chen		
02/18/2021 at 9AM	Postdoctoral Fellow, Department of Electrical and Computer Engineering	University of Toronto	Establishing Structure-Activity Correlations in Oxygen Electrocatalysis
	Dr. Dorsa Parviz		
02/22/2021 at 9AM	Postdoctoral Associate, Department of Chemical Engineering	Massachusetts Institute of Technology	Carbon Fixing Materials: Mathematical Analysis, Mechanistic Insights, and Material Design
	Dr. Manish Shetty		
02/23/2021 at 9AM	Postdoctoral Researcher, Department of Chemical Engineering and Materials Science	University of Minnesota	Deciphering Catalysis at the Nanoscale – Engineering Metal Oxides for Sustainable Chemical Conversion
	David Bernal		
02/24/2021 at 9AM	Ph.D. Candidate, Chemical Engineering Department	Carnegie Mellon University	Modern Computational Approaches to Nonlinear Discrete Optimization and their Application to Process Systems Engineering

Date	Speaker	Organization	Title
	Dr. Hongfei Lin		
02/25/2021	Associate Professor, Voiland School of Chemical Engineering and Bioengineering	Washington State University	Design of sequential catalytic solvolysis process for selectively deconstructing waste plastics
	Dr. Burcu Beykal		
03/01/2021 at 9AM	Postdoctoral Research Associate, Texas A&M Energy Institute	Texas A&M University	Data Analytics Inspired Process Systems Engineering: Applications to Reactor Design Problems & Supply Chain Management
	Dr. Ana Alba-Rubio		
03/02/2021 at 9AM	Assistant Professor, Department of Chemical Engineering	University of Toledo	Catalysts Can Be Good at Multitasking: Two Practical Examples
	Dr. Lucas Ellis		
03/03/2021 at 9AM	Director's Postdoctoral Fellow	National Renewable Energy Laboratory	Catalyst design strategies to enhance turn-over frequency, selectivity, and create novel reaction pathways for waste plastic upcycling
	Dr. Mario Eden		
03/04/2021	Department Chair and Joe T. and Billie Carole McMillan Professor, Department of Chemical Engineering	Auburn University	Computer Aided Methods/Tools for Multi-Scale Chemical Process and Product Design
	Dr. Young Jo Kim		
03/18/2021	Assistant Professor, Department of Chemical Engineering	University of New Hampshire	Biologically-derived Materials for Powering Edible Electronics Devices
	Dr. Mary Lind		
03/25/2021	Associate Professor & Chemical Engineering Graduate Program Chair, School for Engineering of Matter, Transport and Energy	Arizona State University	Advanced Membrane Materials for Pervaporation Separations
04/22/2021	Dr. Jorge Almodovar	University of	Cell behavior enhancement by

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	Assistant Professor, Ralph E. Martin Department of Chemical Engineering	Arkansas	collagen/heparin layered coatings
	Carmen Lamancusa & Haomin Liu		A Global Scale Source Apportionment Scheme for Particulate Matter using the GEOS-Chem Global Atmospheric Chemistry Model
05/06/2021	Graduate Students, Chemical & Biomolecular Engineering Department	University of Connecticut	& Dual Amplification Enabled Counting Based ELISA
05/12/2021 at 9:30AM	Dr. Gregory Thiel Fellow, Advanced Research Projects Agency	U.S. Department of Energy	Leaning desalination: Reducing its energy and environmental impacts