

IOWA STATE UNIVERSITY

Department of Materials Science and Engineering

Spring 2018 MSE Seminar Series

Date	Guest	Presentation Topics
1/11	Kirill Kovnir, ISU Chemistry	Rational approaches for novel thermoelectric & magnetic materials
1/18	Iver Anderson ISU MSE/Ames Lab	Improvements in gas atomized powder synthesis for additive manufacturing
1/25	Leonard R. MacGillivray University of Iowa	Crystal engineering the covalent bond
2/1	Stephen Morin University of Nebraska-Lincoln	Elastomeric surfaces for the rational synthesis, assembly, and fabrication of adaptive, functional materials
2/8	Jonghyun Lee ISU ME	Materials modeling and experiments to extend the applicability of advanced manufacturing of materials under extreme environments
2/15	Alexander Orlov Stony Brook University	Development of a new generation of stable, tunable, and catalytically active nanoparticles produced by the helium nanodroplet deposition and doping segregation methods
2/22	Yan Yao University of Houston	Electrolyte dictated materials design for beyond lithium ion batteries
3/1	Professor Banerjee	
3/8	Meng Lu ISU ECpE	Nanophotonics and biosensors
3/15	Spring Break	No seminar
3/22	Peter Hondred Schlumberger	Schlumberger Information
3/29	Graduate Students	Presenting Materials Science and Engineering
4/5	Yizhou Dong Ohio State University	Development of nanomaterials for mRNA therapeutics and genome editing
4/12	Seila and Jose DeSouza Iowa State MSE	Nitridation of fast ion conducting glassy solid electrolytes
4/19	Richard Robinson Cornell	Nanoparticle Synthesis
4/26	External Advisory Council	Industry perspective
5/3	Finals Week	No Seminar