

Auburn Physics Fall 2019 Colloquium Schedule

Date	Speaker	Affiliation	TITLE
8/23/2019	Catherine Situma	Auburn University	Lab safety training
8/30/2019	Geronimo Villanueva	NASA Goddard Space Flight Center	Mars: Probing its past habitability and preparing for its exploration
9/6/2019	Siyuan Dai	Mechanical Engineering Department, Auburn University	Scanning near-field optical microscopy for material characterization and nano-polaritonics
9/13/2019	Jordan Harshman	Chemistry and Biochemistry Dept., Auburn University	A little bit of everything: Classroom observation, cluster analysis, and effective graduate education
9/20/2019	Masatoshi Hirabayashi	Aerospace Engineering, Auburn U.	Why do many small sandcastles look like a diamond? Implications from recent observations from two asteroid sample return missions, Hayabusa2 and OSIRIS-REx.
9/27/2019	Peng Li	Department of Electrical Engineering, Auburn U.	Towards Low-Power Spintronic Devices with Topological Insulators
10/4/2019	Ted Biewer	Oak Ridge National Laboratory	The development of digital holographic imaging at ORNL to study material surfaces inside fusion reactors during plasma exposure.
10/11/2019	None		
10/14/2019	H. Tsuchida	Central Research Inst. of Electric Power Industry, Japan	Silicon carbide growth and epitaxy
10/18/2019	Yohannes Abate	University of Georgia	TBD
10/25/2019	Vitali Klyachko	Washington University in St. Louis, Department of Cell Biology and Physiology	Neuronal Communication at Nanoscale Resolution
11/1/2019	Matt Brahlek	Oak Ridge National Laboratory	The dirt on growing clean quantum materials by molecular beam epitaxy
11/8/2019	Jay Johnson	Andrews University	TBD
11/15/2019	Endre Takacs	Clemson University	TBD