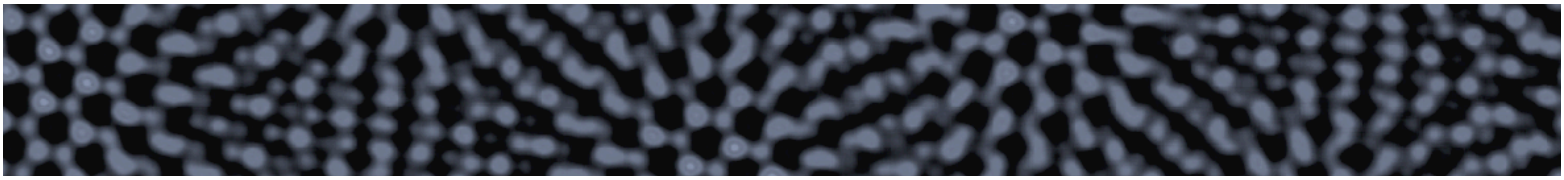
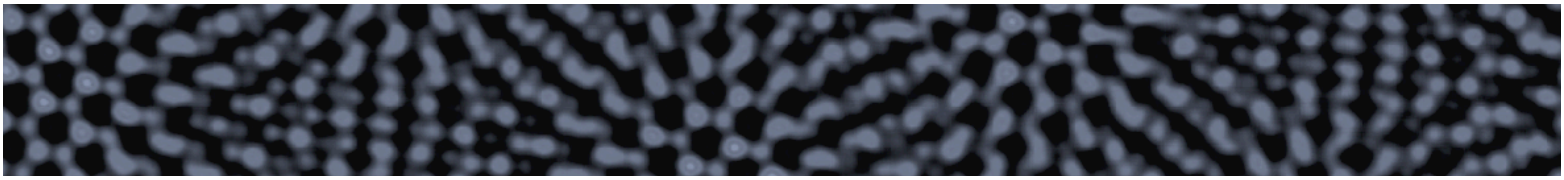


Electron Microscopy Center User Meeting and Workshop
January 25 – 27, 2017
Duncan Hall, Rice University

Wednesday, January 25

9:00-9:10	Welcome and Introduction Emilie Ringe, Director, Electron Microscopy Center, Rice University
9:10-9:40	Arda Genc & Rick Passey, Thermo Fisher/ FEI Overview of Helios & Titan Capabilities by
9:40-9:55	Elisabeth Bianco Pulsed Laser Deposition of Ultra-Thin Tellurium Films
9:55-10:10	Dayne Swearer Transition Metal Decorated Aluminum Nanocrystals
10:10-10:25	Emily Yedinak Quantitative TEM Study on Thin Films for Gas Sensors
10:25-10:40	Bruce Brinson AgNPs Synthesized in Vapor Phase applied to the Treatment of Traumatic Brain Injuries, and the Perforation of Graphene
10:40-10:55	Paolo Longo Recent advances in EELS Spectroscopy
10:55-11:10	Tony Carpenter FEI Nanoport and Jobs FEI Career Opportunities
11:10-12:00	Poster Session
12:00-1:00	Lunch
1:00-4:00	Workshops #1 Titan STEM Tomography Location: Brockman B05 Helios Slice-and-View Acquisition Location: Brockman B05



Electron Microscopy Center User Meeting and Workshop
January 25 – 27, 2017
Duncan Hall, Rice University

Thursday, January 26

9:00-12:00 Workshops #2

Titan High Resolution Imaging of 2D Materials at 80 keV
Location: Brockman B05

Helios 660 SEM/FIB Basic Imaging and Imaging of Non-conductive Materials
Location: Brockman B05

Tomographic Reconstruction of STEM Acquisition
Location: Duncan Hall 3092

2:00-5:00 Workshops #3
Titan Monochromated STEM and EELS at 80 keV
Location: Brockman B05

Helios 660 SEM/FIB High Resolution Imaging
Location: Brockman B05

Tomographic Reconstruction of SEM/FIM Slice and View
Location: Duncan Hall

Friday, January 27th

9:00-12:00 Workshops #4

Titan High Resolution Imaging of 2D Materials at 80 keV and Spectroscopy
Location: Brockman B05