

Contact Information



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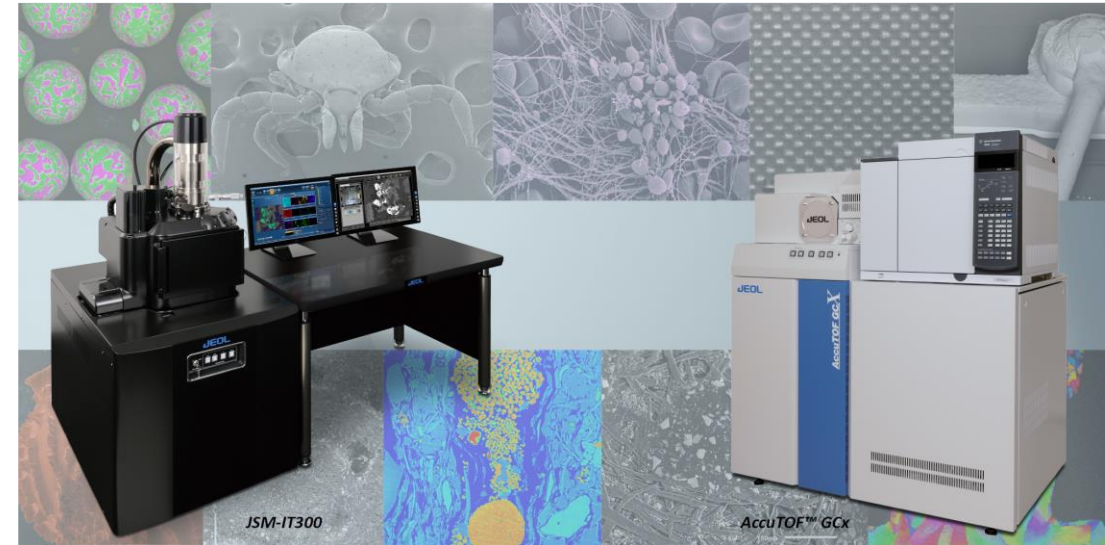
Nanoscale Characterization and Fabrication Laboratory (NCFL)
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NanoEarth Summer School



August 2-3, 2016
Nanoscale Characterization and Fabrication
Laboratory (NCFL)



Schedule Day 1: August 2, 2016

Check-In	11:00 am
Lunch	12:00 pm
Opening Remarks <i>Dr. Bill Reynolds, NCFL Faculty Director</i>	1:00 pm
Overview and history of microscopy <i>Tom Isabell, Director of Product Management at JEOL USA</i>	1:20 pm
Pushing research boundaries with modern SEM <i>Vernon Robertson, JEOL SEM Technical Sales Manager/EPMA Product Manager</i>	2:05 pm
Break	2:45 pm
The ambient ionization toolbox: Instant gratification for the curious chemist <i>Chip Cody, JEOL Product Manager, Mass Spectrometry</i>	3:00 pm
Demonstration of JEOL SEM IT-300 <i>Donna Guarrera, JEOL SEM Applications & MP SEM Product Manager</i>	3:40 pm/ 4:20 pm
And now for something completely different: (1) GCxGC/MS and (2) Multi-turn mass spectrometry <i>Chip Cody, JEOL Product Manager, Mass Spectrometry</i>	3:40 pm/ 4:20 pm
Day One Summary <i>Dr. Bill Reynolds, NCFL Faculty Director</i>	5:00 pm
Dinner at the Hilton Garden Inn 900 Plantation Road	6:30 pm

Schedule Day 2: August 3, 2016

Day Two Welcome <i>Dr. Bill Reynolds, NCFL Faculty Director</i>	9:00 am
My NanoEarth Experience - <i>Dr. Deborah Berhanu, Kingsborough Community College</i> - <i>Dr. Nadine Kabengi, Georgia State University</i>	9:10 am
The role of aberration-corrected STEM in the characterization of oxide cathode materials <i>Dr. Patrick Phillips, JEOL Assistant TEM Product Manager</i>	10:00 am
Break	10:20 am
High resolution TEM-STEM observation of asbestos samples prepared by Ion Slicer <i>Dr. Masahiro Kawasaki, JEOL Director of TEM Applications and Business Solutions Americas</i>	10:40 am
HRTEM study of stacking irregularity in Fe-rich chlorite from selected hydrothermal deposits <i>Sayako Inoue, Virginia Tech Geoscience Postdoc</i>	11:00 am
The new multi-purpose diffractometer (PANalytical Empyrean) for nanomaterials characterization using XRD, PDF and SAXS/WAXS <i>Dr. Marc Michel, NanoEarth Technical Associate Director</i>	11:20 am
Lunch & Closing Remarks <i>Dr. Bill Reynolds, NCFL Faculty Director</i>	12:00 pm
Optional:	
Demo (TEM) – NCFL	
VTSuN Lab Tour – 230 Kelly Hall	1:00 pm