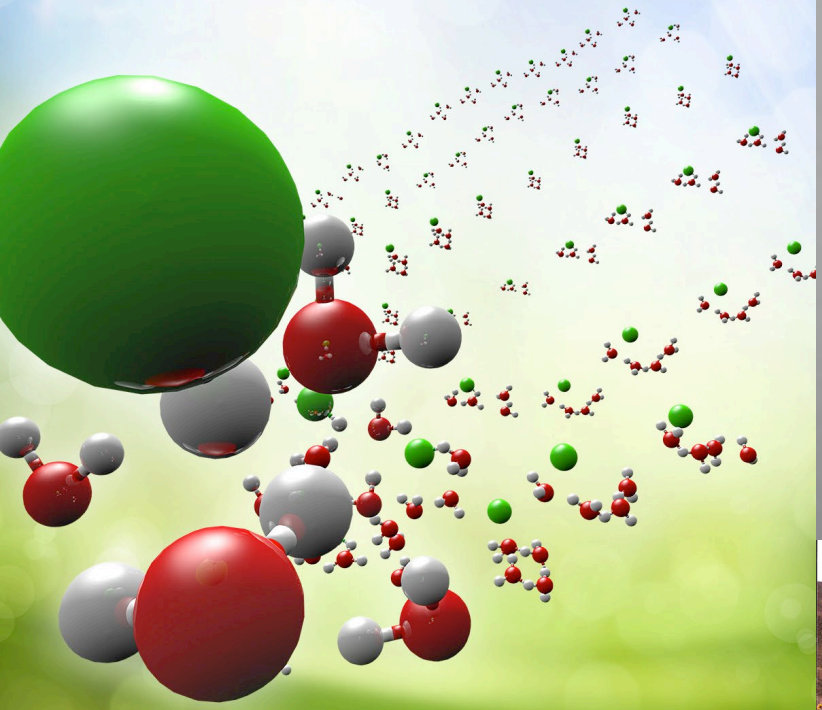
ATAS 2016

3rd International Workshop on

ADVANCED TECHNIQUES IN ACTINIDE SPECTROSCOPY (ATAS)

November 7 – 10, 2016

EMSL, Richland, Washington, USA



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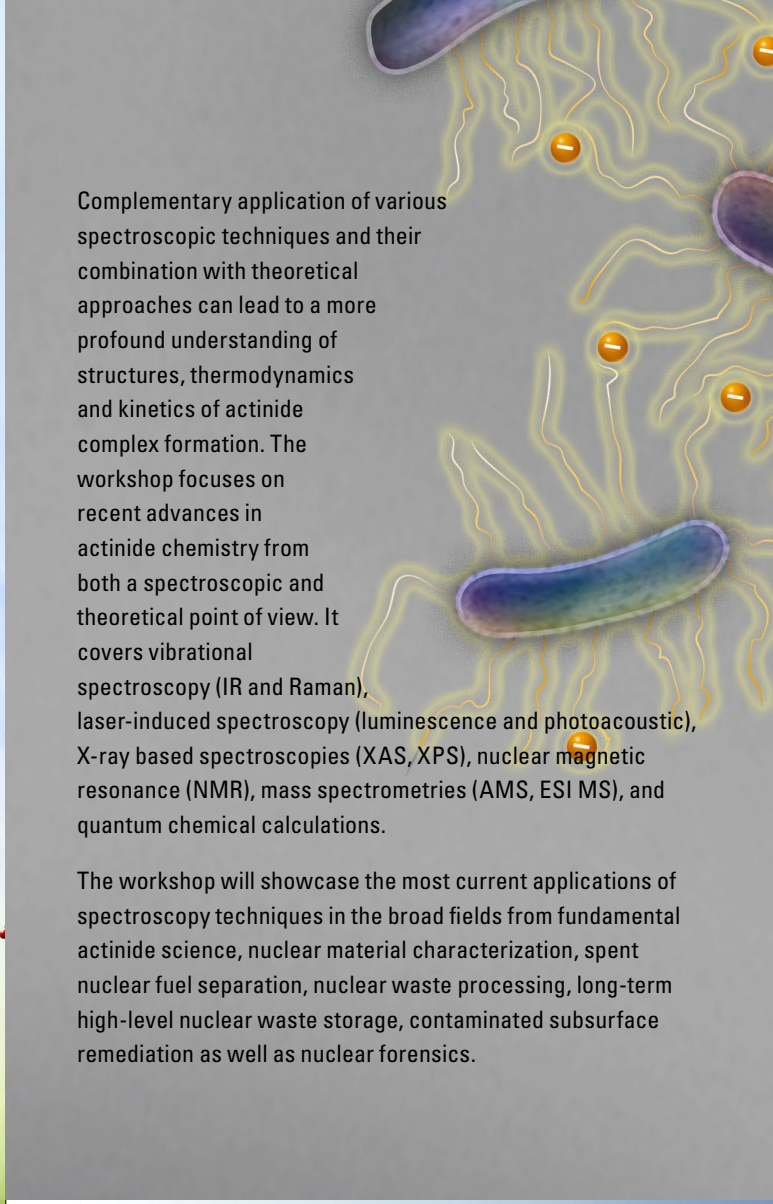
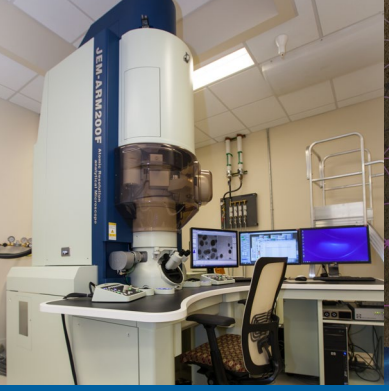
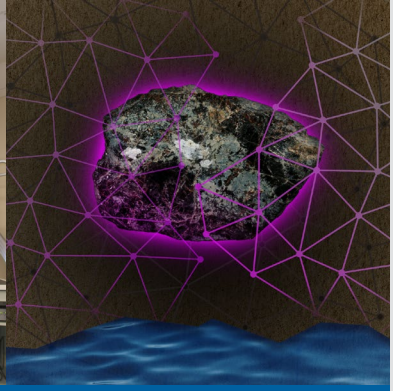


Complementary application of various spectroscopic techniques and their combination with theoretical approaches can lead to a more profound understanding of structures, thermodynamics and kinetics of actinide complex formation. The workshop focuses on recent advances in actinide chemistry from both a spectroscopic and theoretical point of view. It covers vibrational spectroscopy (IR and Raman), laser-induced spectroscopy (luminescence and photoacoustic), X-ray based spectroscopies (XAS, XPS), nuclear magnetic resonance (NMR), mass spectrometries (AMS, ESI MS), and quantum chemical calculations.

The workshop will showcase the most current applications of spectroscopy techniques in the broad fields from fundamental actinide science, nuclear material characterization, spent nuclear fuel separation, nuclear waste processing, long-term high-level nuclear waste storage, contaminated subsurface remediation as well as nuclear forensics.





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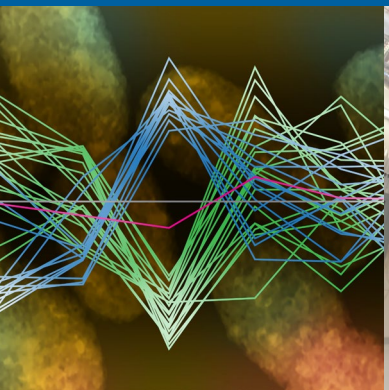
- The number of participants is limited to 100.
- All presentations (oral and poster) require abstract submission.
- A tour of historical Hanford Site.



IMPORTANT DATES

January 2016	1st announcement
March 2016	2nd announcement
June 2016	Deadline for abstract submission
August 2016	Notification of abstracts acceptance
November 7 – 10, 2016	ATAS 2016

CONTACT

EMSL
3335 Innovation Blvd.
Richland, Washington, USA 99352

Nancy Hess	nancy.hess@pnnl.gov
Zheming Wang	zheming.wang@pnnl.gov
Carolyn Pearce	carolyn.pearce@pnnl.gov

2016 ATAS website

http://events.pnnl.gov/default.aspx?topic=ATAS_2016

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