

Meet the Presenter... Dr. Frederic Poineau

Dr. Frederic Poineau is an Assistant Professor in the Radiochemistry Program at the University of Nevada Las Vegas. In 2001-2004, he performed his doctoral study at the laboratory Subatech (Nantes, France) on technetium chemistry. His thesis work focused on the speciation of tetravalent technetium complexes in chloride media. In 2005, he moved to UNLV where he conducted his post-doctoral researches. In 2016, he obtained his Habilitation from the University of Nantes. He is an expert on technetium chemistry, his research interests include: synthesis and coordination chemistry of technetium complexes with multiple metal-metal bonds, technetium binary materials (alloys, halides, oxides). He worked on the separation of uranium from technetium for the UREX process and on the development of Tc waste forms. He is regularly involved in the characterization of technetium, and f-elements compounds by diffraction and X-ray absorption fine structure spectroscopy. He has co-authored 96 articles, 2 book chapters and a patent.



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