

Meet the Presenter...

Patricia Paviet-Hartmann



Dr. Patricia Paviet-Hartmann is currently a staff member of the Idaho National Laboratory (INL). She is deputy director of the Fuel Cycle CORE of the Institute of Nuclear Energy Science and Technology, in charge of positioning INL as the domestic and a global leader in key areas of advanced fuel cycle technology, and responsible for strengthening and expanding INL's university partnerships to areas such as actinide science, separations, safeguards, and instrumentation. Dr. Paviet-Hartmann serves on several Ph.D. committees, and is also an adjunct professor at the University of Nevada, Las Vegas (UNLV), directing the research of two Ph.D. students.

Dr. Paviet-Hartmann, originally from France, has worked as a radiochemist for 25 years, investigating the speciation and behavior of radionuclides and actinides under industrial reprocessing conditions, as well as nuclear repository conditions. Her expertise directly supports the different process needs for advanced recycling technologies. She received her Ph.D. in radiochemistry in 1992 from the University Paris XI, and her M.S. and B.S. degrees in Chemistry in 1989 and 1986 from the University Nice-Sophia Antipolis. She authored two patents during her Ph.D. research and has contributed to improving French nuclear wastes reprocessing, which is a very important part of French nuclear policy. She has authored or co-authored 30 publications and 30 technical reports (CEA, LANL, AREVA), as well as book chapters entitled "Nuclear fuel reprocessing" (2009), and "Integrated repository science for the long-term behavior prediction of nuclear waste disposal" (2010). Since Fall 2007, she has been instructor or co-instructor at Idaho State University and at UNLV, teaching courses on nuclear waste management, radiochemistry, and nuclear fuel reprocessing. She has participated as a co-instructor for the UNLV summer class on safeguards (2010) and she was invited by GE-Hitachi to teach the nuclear fuel cycle during the summer of 2009. Dr. Paviet-Hartmann is a member of the international committee of the American Nuclear Society, and a member of the American Chemical Society. She was recently elected chair of the American Society of Mechanical Engineers Nuclear Energy Division.

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