

Abbreviated Curriculum Vitae

Dr. Lin-wen Hu

- ⌋ (Nuc Eng PhD, MIT, 1996; Nuc Eng MS, MIT, 1993) is Associate Director and Principal Research Scientist at the MIT Nuclear Reactor Laboratory (NRL).
- ⌋ She directs NRL's research program, irradiation services, and outreach activities and is responsible for the development, design, and safety reviews of major reactor experiments.
- ⌋ Her research interests include fluid dynamics and heat transfer, computational fluid dynamics simulations, research reactor applications, and instrumental neutron activation analysis (INAA) for medical and environmental research.
- ⌋ Dr. Hu holds a Senior Reactor Operator license for the 5MW MIT Research Reactor issued by the US Nuclear Regulatory Commission, and is a licensed Professional Engineer in the State of Massachusetts.
- ⌋ Among other professional activities, she served as the chairperson of the Isotope and Radiation Division of the American Nuclear Society (ANS), a member of the National Academies study committee on **State of the Science of Nuclear Medicine**, and most recently as the director of a nuclear engineering course funded by Department of Energy (DOE).
- ⌋ The research projects she is currently working on include the investigation of transport phenomena and heat transfer properties of nanoparticles colloids (nanofluids) supported by US Department of Energy, Electric Power Research Institute (EPRI), AREVA, and King Abdulaziz City for Science and Technology (KACST