

Francesca Sammarruca is a Professor of Physics at the University of Idaho. Since 2019, she also serves as the Secretary of the University Faculty, supporting the process of shared governance at the university. She received her Ph.D. in Physics from the Virginia Polytechnic Institute in 1988. Her research involves theoretical studies of neutron-rich systems, currently at the forefront of both nuclear physics and nuclear astrophysics. Her most recent work focuses on microscopic calculations of the neutron skin in nuclei, and the remarkable connection between microscopic nuclear physics and compact astrophysical systems through the equation of state of neutron-rich matter. She has over 75 peer reviewed publications and numerous conference papers and invited presentations. Her research has been funded by U.S. Department of Energy continuously for over two decades. She will serve as a panelist on the competitive review of the DOE Nuclear Structure and Nuclear Astrophysics program for the next two years.