Professor Ernesto Estrada has an internationally leading reputation for shaping and developing the study of complex networks and of mathematical chemistry. His expertise ranges in the areas of network structure, algebraic network theory, dynamical systems on networks, mathematical chemistry and the study of random models of networks. He has a distinguished track record of high-quality publications, which has attracted more than 10,500 citations. His h-index (number of papers with at least h citations) is 58. His publications are in the areas of mathematical and molecular chemistry, network theory and its applications to social, ecological, engineering, physical, chemical and biological real-world problems. Professor Estrada has published two text books on network sciences both published by Oxford University Press in 2011 and 2015, respectively. He has demonstrated a continuous international leadership in his field where he has been invited and plenary speaker at the major conferences in network sciences and applied mathematics, including the SIAM Annual Meeting in 2012. He is the Editor in Chief of the *Journal of Complex Networks* published by Oxford University Press, and he is *Member of the Academia Europaea* since 2015.