



**Dr Djamel Kaoumi** (North Carolina State Univ., USA) received his PhD in Nuclear Engineering from Pennsylvania State University in 2007 and his Master of Science from University of Florida in 2001 with a minor in Materials Science and Engineering. Prior to this, he received his Diplome d'Ingenieur from the Institut Polytechnique National de Grenoble in France in 2000. He is currently an associate professor of Nuclear Engineering at the North Carolina State University in the USA. His research interests revolve around developing a mechanistic understanding of microstructure property relationships in nuclear materials, with an emphasis on microstructure evolution under harsh environment (i.e., irradiation, high temperature, and mechanical stress) and how it can impact the macroscopic properties and performance. Materials of Interest for him include advanced alloys for structural and cladding applications in advanced nuclear reactors. His characterization techniques of predilection include both in-situ and ex-situ ion irradiation and the use of ion irradiation to study radiation damage in nuclear materials.