

Mike Martin graduated with a Masters in Engineering from Queens' College, University of Cambridge UK in 2000 followed by engineering roles in the offshore and gas transmission industries. Mike joined Rolls-Royce in 2006 and is now Rolls-Royce Engineering Associate Fellow in Structural Integrity, responsible for the development of next generation structural assessment methods. Mike is currently advancing mechanistically-informed predictive capability, coupled with structural reliability methods and is particularly interested in ensuring that nuclear industry design codes maintain pace with advances in technology. Mike is also driving the development of data-centric holistic structural integrity approaches covering the entire lifecycle from raw material and manufacture through to operation, maintenance and decommissioning with a focus on probabilistic approaches, data-science and reduced-order models. Mike is a Chartered Engineer, Fellow of the UK Institution of Mechanical Engineers and Visiting Industrial Professor at the University of Bristol Mechanical Engineering Department.