

BIO: Prof Keane leads the Rolls-Royce funded University Technology Centre for Computational Engineering at the University of Southampton. He has authored over three hundred papers and four books in the areas of design search, optimization, uncertainty modelling and decision support. His work has been funded by research councils, government departments and a range of industries including Rolls-Royce, Airbus, BAE Systems, Network rail, Glaxo and Cable & Wireless. The main focus of this work is to efficiently exploit computational models to systematically trade off performance characteristics in a controlled way, allowing for design constraints and problem uncertainties.”