Professor Payam Khazaeinejad

See:
https://www.kingston.ac.uk/staff/profile/dr-payam-khazaeinejad-701/
https://scholar.google.com/citations?user=Kvc66oIAAAAJ&hl=en
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Autobiography:
I am a lecturer (Assistant Professor) in Solid Mechanics in the Department of Mechanical Engineering at Kingston University. Prior to my appointment at Kingston, I was a Research Fellow at Brunel University London. I received my PhD from the University of Edinburgh. I have been the recipient of the US National Science Foundation (NSF) Travel Award from Stanford University, Edinburgh Award (Work Experience) and Edinburgh Research Partnership in Engineering (ERPE) Funding from the University of Edinburgh. My research interests lie within the broad area of Computational Solid and Structural Mechanics, with focus on the modelling and analysis of advanced materials and structures at different length scales. My current research is aimed at: (i) better understanding of the interactions between different load-carrying mechanisms which determine the overall behaviour of structures under different loading and support conditions and (ii) establishing complex relationships between internal structures of advanced materials and their thermal and mechanical properties using novel computational approaches.

Research Interests:
Computational solid mechanics; Computational structural mechanics; Structural stability and dynamics; Composite structures; Finite element an advanced numerical methods
Selected Publications:
R. Narimani, M. Karami Khorraramabadi, P. Khazaeinejad, Mechanical buckling of functionally graded cylindrical shells based on the first order shear deformation theory, ASME Pressure Vessels and Piping Division Conference, 2007, San Antonio, Texas, USA.
P. Khazaeinejad, M.M. Najafizadeh and X.H. Wang, “Buckling of functionally graded toroidal shells under external pressure”, 16th International Conference on Composite Structures (ICCS 16), A.J.M. Ferreira (Editor), FEUP, Porto, 2011