

D. R. J. Owen

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Professor Owen, an international authority on finite element and discrete element techniques, is the author of *seven textbooks* and over *four hundred scientific publications*. In addition to being the editor of *forty monographs* and conference proceedings, Professor Owen is also the editor of the International Journal for Engineering Computations and is a member of several Editorial Boards. His involvement in academic research has led to the supervision of *seventy Ph.D.* students.

Professor Owen's research, in the field of solid and structural mechanics, has centred on the development of solution procedures for non-linear problems encountered in science and engineering, with special emphasis on finite strain plastic deformation situations. Over the last two decades, Prof. Owen's work has focused on the development of discrete element methods for particulate modelling and the simulation of multi-fracturing phenomena in materials.

Awards and Distinctions

- Computational Mechanics Award of the International Association for Computational Mechanics (IACM), 2002 for "outstanding contributions in the field of computational mechanics".
- Warner T. Koiter Medal of the American Society of Mechanical Engineers (ASME), 2003 for "contributions to the field of theoretical and computational solid mechanics".
- Gauss-Newton Medal of IACM, 2004 for "outstanding contributions in the field of computational mechanics".
- Gold Medal of the University of Split, Croatia, 2004 for "international achievements in the field of computational mechanics".
- Premium Medal of the Spanish Society for Computational Mechanics (SEMNI), 2005 in "recognition of his outstanding scientific work".
- Grand Prize of the Japan Society for Computational Engineering and Science (JSCES), 2010.
- Elected Fellow of the Royal Academy of Engineering, 1996.
- Elected Fellow of the Royal Society, 2009.
- Elected Foreign Member of the United States National Academy of Engineering (NAE), 2011.
- Elected Foreign Member of the Chinese Academy of Sciences (CAS), 2011.
- Honorary Professor, China Agricultural University, Beijing, China, 2014.
- Honorary Professor, Wuhan University, China, 2015.
- Awarded Honorary D.Sc. by the University of Porto, Portugal, 1998, ENS, Cachan, France, 2007, Polytechnic University of Catalonia (UPC), Spain, 2012 and Swansea University, UK, 2016.