

## **Biographical Sketch:**

**Prof. JAVIER BONET** started his academic career at UPC, Barcelona, moving to Swansea University in 1986 to start a PhD in computational mechanics under the supervision of Prof. Zienkiewicz and Dr. Wood in the area of finite element modelling of superplastic forming.

Since then he has established himself in areas such as large strain solid mechanics, smooth particle hydrodynamics (SPH), error estimation and more recently the use of conservation laws in solid dynamics.

He has published over 100 papers in academic journals and co-authored a book on “Nonlinear Continuum Mechanics for Finite Element Analysis” widely used as a graduate textbook across the world.

He is currently the Head of the College of Engineering at Swansea University and Director of the Welsh Network for Advanced Engineering and Materials of the Welsh Government.