

# EUGENIO OÑATE IBÁÑEZ DE NAVARRA

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Dr. Eugenio Oñate (age 68) is a Civil Engineer and a professor of Structural and Continuum Mechanics at the School of Civil Engineering in the Technical University of Catalonia (UPC).

His research has focused on the development of numerical methods of interest for solving problems in structural mechanics, fluid dynamics and coupled situations in engineering sciences. His scientific contributions are of particular relevance for solving complex multidisciplinary problems in the fields of civil, industrial, aerospace, marine and naval engineering, among others.

He has supervised 68 PhDs (completed) at UPC. He has supervised the career towards tenure of 49 PostDocs.

He has published 467 articles in JCR journals. He has 14120 citations and an *h*-index of 57 (Scopus). He is the highest cited civil engineer in Spain.

He is author of 2 text books and editor of 3 international Book Series and of 57 books on different topics of computational mechanics. He is editor of the JCR journals "Archives of Computational Methods in Engineering" (since 1994, Springer), "Computational Particle Mechanics" (since 2014, Springer) and "Métodos Numéricos para Cálculo y Diseño en Ingeniería" (since 1985, Scipedia).

He is founder and Director of CIMNE (since 1987). He was founder and first president of the Spanish Society of Numerical Methods in Engineering (1989–2004), founder and president of the European Community for Computational Mechanics in Applied Sciences (2000–2004) and president of the International Association for Computational Mechanics (2002-2010). He has received numerous awards, distinctions and honorary degrees at international level.

He is the Scientific Director of the research programme of the Severo Ochoa Center of Excellence awarded to CIMNE for the period 2020-2023.

He has organized and chair/co-chair 58 scientific conferences worldwide.

He has promoted the creation of seventeen technology-based companies in Spain. Five of these companies' market software and products derived from outcomes of his research.