CURRICULUM VITAE

J. M. Sanz-Serna

Prof. Sanz-Serna was both an undergraduate and a PhD student in mathematics at the University of Valladolid (1970-1977). His thesis was on functional analysis. In 1978-1979, he followed an MSc course in Numerical Analysis in Dundee (Scotland). He has held permanent positions at the University of the Basque Country (1980-1982) and University of Valladolid (1982-2014) and currently holds an Excellence Chair at Universidad Carlos III de Madrid.

His main fields of interest are the numerical solution of ordinary or partial differential equations (deterministic or stochastic) and Monte Carlo algorithms. In particular he has devoted much attention to the preservation by the numerical algorithm being used of qualitative features of the solutions, a field that has become known as Geometric Integration, a term he coined. In the period 1998-2006, Prof. Sanz-Serna interrupted his research to serve as Rector (President or Vice-chancellor) or University of Valladolid. While a Rector, he chaired the Santander Group of more than 50 European Universities and was part of the Permanent Committee of the Association of Rectors of Spanish Universities. He created the Institution House of India in Spain to promote links between both countries.

He has been main speaker at more than a hundred international conferences, including the International Congress of Mathematicians (ICM) (Zurich, 1994) and the International Congress for Industrial and Applied Mathematics (ICIAM) (Beijing 2015). He received the Dahlquist Prize of SIAM (USA) in 1995, the Iberdrola Prize of Science and Technology in 1995, the Research Prize of the Royal Academy of Sciences of Spain in 1995, the Research Prize of the Autonomous Region Castilla y Leon in 1997 and of the University of Valladolid in 2014. He has been awarded the Gold Medal of the Federal University of Pernambuco (Brazil), 2002 and of the University of Valladolid 2011. He is a Fellow of the Society of Industrial and Applied Mathematics (SIAM), USA, since the creation of that category in 2009, a Fellow of the Institute of Mathematics and its Applications, UK, since 2011 and a Fellow of the American Mathematical Society (also since the creation of that category in 2012). He has served as Vicepresident of both the Royal Mathematical Society of Spain (RSME) and the Spanish Society of Applied Mathematics (SEMA). He belongs to the editorial boards of more than a dozen international journals. He has supervised 17 PhD students.