
ANUNCIO DE SEMINARIO

Uncertainty Quantification (UQ) and Inverse Problems in Computational Mechanics

Prof Hermann Matthies (Technische Universität Braunschweig)

Lugar de realización: Aula CIMEC

Fecha y hora: 21 de abril de 2015, 15:00 hs.

Brief Bio:

Hermann Matthies is Professor of Computer Science and Head of the Institute of Scientific Computing at the Technische Universität Braunschweig, Germany. He graduated with the degree of Dipl.-Math. in 1976, at the Technische Universität Berlin, and received his doctoral degree in Mathematics in 1978 at the Massachusetts Institute of Technology (MIT), Cambridge, USA with a thesis on “Problems in Plasticity and Their Finite Element Approximation”, working with Prof. Gilbert Strang.

He is author or co-author of more than 80 papers in well-known scientific journals in Computational Mechanics. He is Fellow of the International Association for Computational Mechanics (IACM), and received awards from Emerald LiteratiNetwork (2010), and from Computer Methods in Applied Mechanics and Engineering, 2008, for Most Cited Author 2005 – 2008.

His current research interests include Coupled Problems, Fluid-Structure Interaction, Computational Multiphysics and Multiscale Problems, Computational Stochastic Problems, Uncertainty Quantification and Propagation, Parametric Problems, Inverse Problems and Bayesian Updating.