

## **Biographical Sketch**

MARINO ARROYO: After obtaining a BS degree in Civil Engineering from the Universitat Politècnica de Catalunya (UPC), he carried out graduate studies at Northwestern University, obtaining a PhD in 2003. He was then a postdoc at the California Institute of Technology before joining the UPC in 2004.

His research interests include the mathematical modeling and computation of small-scale mechanics in materials and biophysics, the construction of basis functions from entropy maximization, phase-field modeling, and the integration of nonlinear dimensionality reduction in computational mechanics.

He was the recipient of the ASME/BOEING 2003 Structures and Materials Award (with Ted Belytschko) and of the ECCOMAS O. C. Zienkiewicz Award for Young Scientists in Computational Engineering Sciences in 2010.