

Laura De Lorenzis, TU Braunschweig

Talk title	Recent research results on the phase-field approach to fracture
Biography	<p>Laura De Lorenzis carried out her studies at the University of Lecce in Italy (Engineering Degree and PhD), and at the University of Missouri - Rolla (USA) (M.Sc. in Structural Engineering). As a young graduate she joined the University of Lecce as Assistant and later Associate Professor, until she moved to the TU Braunschweig in March 2013 as Professor and Director of the Institute of Applied Mechanics. She was visiting scholar in several institutions, including Chalmers University of Technology, the Hong Kong Polytechnic University, the Massachusetts Institute of Technology (Fulbright Fellowship), the Leibniz University of Hannover (Alexander von Humboldt Fellowship), the University of Texas at Austin and the University of Cape Town. She is the recipient of several prizes, including the RILEM L'Hermite Medal 2011, the AIMETA Junior Prize 2011, the IIFC Young Investigator Award 2012, and two best paper awards. In 2011 she was awarded an European Research Council Starting Researcher Grant. She has authored or co-authored more than 90 papers on international ISI journals on different topics of computational and applied mechanics. She is associate editor of Materials & Structures (Springer) and of the ASCE Journal of Materials in Civil Engineering, and assistant editor of Computational Mechanics (Springer).</p>