

Annalisa Buffa – École Polytechnique Fédérale de Lausanne, Switzerland

Talk title	The impact of defeaturing on the accuracy of PDE solutions
Biography	<p>Annalisa Buffa is professor of Mathematics at Ecole Polytechnique Fédérale de Lausanne (EPFL) since 2016 and, prior to this, she has been director and research director of the Istituto di Matematica Applicata e Tecnologie informatiche of the Italian National Research Council (CNR). Corresponding member of the Accademia dei Lincei and member of Accademia Europeae, Annalisa Buffa is a leading expert in the numerical analysis of partial differential equations (PDEs). Her interests span from geometric design, computational mechanics, computational electromagnetics to approximation theory, and functional analysis for PDEs. She received an ERC Starting grant in 2008, an ERC Advanced grant in 2016 and she is a recipient of the Collatz prize from the ICIAM (2015). She has been plenary speakers at several venues, including the AIMS Conference on Dynamical Systems, Differential Equations and Applications in 2018, the International Congress of Mathematicians (section 15, 2014), the ICIAM in 2015, the GAMM conference and the FoCM conference in 2014. Annalisa Buffa is a highly cited researcher according to ISI (2019).</p>