

Donatella Marini, University of Pavia, Italy

Talk title	Recent results on Virtual Element Methods
Biography	<p>Donatella Marini has been researcher of the CNR (Consiglio Nazionale delle Ricerche) in Pavia, then Professor of Numerical Analysis first at the University of Genova from 1990 to 1993 and then to the University of Pavia, where she is now Emeritus Professor. She is member of the European Academy of Science and of the Istituto Lombardo, Accademia di Scienze e Lettere. She has been invited speaker to numerous international conferences, is member of the editorial board of journals of high level in the field of Applied Mathematics, and SIMAI representative in the Managing Board and General Assembly of Ecomas. In 2019 she received the Turner-Kirk fellowship from the Isaac Newton Institute in Cambridge (UK).</p> <p>Her main field of interest is the analysis of numerical schemes for the solution of elliptic partial differential equations (of second and fourth order) by means of different kinds of finite element methods: conforming, non-conforming, hybrid, mixed, and Discontinuous Galerkin. The more recent production is devoted to a new technique, the Virtual Element Method, for polytopal discretizations of Pde's with applications.</p>