

**Erik Burman, University College London**

<b>Talk title</b>	Integration of geometry data and solution measurements in finite element methods for computational mechanics
<b>Biography</b>	<p>Erik Burman defended his thesis at Chalmers University of Technology in 1998. He spent two years as a post doc at Ecole Polytechnique, Palaiseau working with Alexandre Ern and Vincent Giovangigli. Then he spent two years as a post doc at Ecole Polytechnique working in the group of Jacques Rappaz. After that he got a permanent position in the group of Alfio Quarteroni where he stayed until 2007. From 2007 to 2012 he was Professor of Mathematics at the University of Sussex and head of the Mathematics department. Finally from 2013 he holds the Chair of Computational Mathematics at University College London.</p> <p>His research expertise lies in the field of stabilised finite element methods for fluid mechanics, unfitted finite element methods for multiphysics interface problems and weakly consistent regularization methods for inverse problems.</p>