

**Paul Steinmann - Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany/ GCEC,  
University of Glasgow, UK**

<b>Talk title</b>	<b>The Advent of Continuum-Kinematics-Inspired Peridynamics: A Novel Take on Nonlocal Continuum Modelling and Simulation</b>
<b>Biography</b>	<p>Following his doctorate in engineering in 1992, Paul Steinmann received <i>Venia Legendi for Mechanics</i> in 1996, and became full professor at University Kaiserslautern in 1997. In 2007, he became full professor at FAU Erlangen-Nürnberg, where he is active since. He declined offers for a full professorship at RWTH Aachen and the prestigious Regius Chair at University of Glasgow, UK, in 2012 and 2017, respectively. Since 2017 he is Co-Director of the Glasgow Computational Engineering Centre (GCEC) at the University of Glasgow, UK.</p> <p>His research interests are in the fields of material modelling, multi-scale methods, multi-physics problems, non-standard continua, configurational-failure-fracture mechanics, biomechanics, optimisation as well as general developments in finite element and discretisation methods.</p>