

**Parallel Session 14****Thursday, July 5, 13:30PM-15:30PM**

Special Session <b>80</b>	<b>Advances in the Numerical Solution of Nonlinear Evolution Equations</b> Organizer(s): Mechthild Thalhammer	Location <b>GRC-A</b>
13:30-14:00	Winfried Auzinger (Vienna University of Technology, Austria) Defect and local error of exponential splitting schemes	Abstracts p. 299
14:00-14:30	Frederic Legoll (Ecole Nationale des Ponts et Chaussees, France) A micro-macro parareal algorithm with application to singularly perturbed ordinary differential equations	Abstracts p. 301
14:30-15:00	Tony Lelievre (Ecole des Ponts ParisTech, France) Some recent mathematical contributions to multiscale modelling for polymeric fluids	Abstracts p. 301
15:00-15:30	Richard Kowar (University of Innsbruck, Austria) On the causality of real-valued semigroups and diffusion	Abstracts p. 300