

Parallel Session 15**Thursday, July 5, 16:00PM-18:30PM**

| Special Session 80 | Advances in the Numerical Solution of Nonlinear Evolution Equations Organizer(s): Mechthild Thalhammer | Location GRC-A |
|------------------------------|--|--------------------------|
| 16:00-16:30 | Eric Cances (Ecole des Ponts and INRIA, France) Some mathematical results on Time-Dependent Density Functional Theory | Abstracts p. 299 |
| 16:30-17:00 | Xia Ji (Chinese Academy of Sciences, Peoples Rep of China) High-order Accurate Runge-Kutta Discontinuous Galerkin Methods for a Two-dimensional Nonlinear Dirac Model | Abstracts p. 300 |
| 17:00-17:30 | Mechthild M Thalhammer (University of Innsbruck, Austria) Favourable space and time discretisations for low-dimensional nonlinear Schrödinger equations | Abstracts p. 301 |
| 17:30-18:00 | Shaohua Chen (Cape Breton University, Canada) A Simple Moving Mesh Method for Blow-up Problems | Abstracts p. 299 |