

Parallel Session 5**Monday, July 2, 13:30PM-15:30PM**

| Special Session 11 | Advances in Classical and Geophysical Fluid Dynamics Organizer(s): Madalina Petcu, Roger Temam, Shouhong Wang | Location GRC-I |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 13:30-14:00 | Djoko Wirosoetisno (Durham University, England) Navier-Stokes equations on the beta-plane and the sphere | Abstracts p. 51 |
| 14:00-14:30 | Aimin Huang (Indiana University Bloomington, USA) The Linearized 2D Inviscid Shallow Water Equations in a Rectangle: Boundary Conditions and Well-Posedness | Abstracts p. 49 |
| 14:30-15:00 | Antoine Rousseau (Inria, France) Quasi-hydrostatic modelling in geophysical fluid dynamics | Abstracts p. 50 |
| 15:00-15:30 | Shouhong Wang (Indiana University, USA) Dynamic Transition Theory for Thermohaline Circulation | Abstracts p. 51 |