

**Parallel Session 8****Tuesday, July 3, 13:30PM-15:30PM**

| Special Session<br><b>12</b> | <b>Singular Perturbations and Boundary Layer Theory</b><br>Organizer(s): Makram Hamouda, Chang-Yeol Jung, Roger Temam                          | Location<br><b>REH-6</b> |
|------------------------------|--|--------------------------|
| 13:30-14:00                  | Roger Temam (Indiana University, USA)<br>Convection-diffusion equation with small viscosity in a circle  | Abstracts<br>p. 54       |
| 14:00-14:30                  | Chang-Yeol Jung (UNIST, Korea)<br>Singularly perturbed convection-diffusion equations on a circle domain                                       | Abstracts<br>p. 53       |
| 14:30-15:00                  | Fernanda F Cipriano (GFM-UL and FCT New University of Lisbon, Portugal)<br>Boundary layer problem: Navier-Stokes equations and Euler equations | Abstracts<br>p. 52       |
| 15:00-15:30                  | Tuoc V Phan (University of Tennessee, USA)<br>Navier-Stokes Equations in Critical Spaces: Existence and Stability of Steady State Solutions    | Abstracts<br>p. 53       |