Parallel Session 2   Sunday, July 1, 13:30PM-15:30PM

Special Session **73**	**Mathematical Models for Upwelling Ocean Currents and Related Phenomena** Organizer(s): David Rivas, Sherry Scott, Anna Ghazaryan	Location **REH-1**
13:30-14:00	Yan Wang (Rosenstiel School of Marine and Atmospheric Science/ University of Miami, USA) Identification and tracking of coherent Agulhas Current rings	Abstracts p. 277
14:00-14:30	Mohammad Farazmand (McGill University, Canada) Locating coherent structures in turbulent flows using the geodesic theory of transport barriers	Abstracts p. 275
14:30-15:00	Laura A Fiorentino (University of Miami, RSMAS, USA) Using Lagrangian Coherent Structures to understand coastal water quality	Abstracts p. 275
15:00-15:30	Maria J Olascoaga (RSMAS/UM, USA) Lagrangian transport analysis of the surface ocean circulation in the Gulf of Mexico	Abstracts p. 276