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

Special Session **7**	**Recent Progress in the Mathematical Theory of Compressible and Incompressible Fluid Flows** Organizer(s): Eduard Feireisl, Sarka Necasova	Location **POI-A**
13:30-14:00	Maria Lukacova (Institute of Mathematics, University Mainz, Germany) Analysis and Simulation of Shear-Dependent non-Newtonian Fluids in Moving Domains	Abstracts p. 32
14:00-14:30	Andro Mikelic (Universite Lyon 1, Institut Camille Jordan, France) Modeling effective pressure interface law between a free fluid and a porous medium	Abstracts p. 33
14:30-15:00	Jiri Neustupa (Czech Academy of Sciences, Institute of Mathematics, Czech Rep) Some new regularity criteria for weak solutions of the Navier-Stokes equations	Abstracts p. 33
15:00-15:30	Elisabetta Rocca (University of Milan, Italy) Evolution of non-isothermal nematic liquid crystals flows	Abstracts p. 33