Parallel Session 6   Monday, July 2, 16:00PM-18:30PM

Special Session **53**	**Greedy Algorithms and Tensor Product Representations for High-dimensional Problems** Organizer(s): Virginie Ehrlacher, Tony Lelievre	Location **MAG-B**
16:00-16:30	Jose Arturo Infante Acevedo (CERMICS - ENPC, France) Applications in Mathematical Finance of a greedy algorithm for solving high-dimensional partial differential equations.	Abstracts p. 221
16:30-17:00	Moulay Abdellah Chkifa (laboratoire Jacques Louis Lions, France) Sparse adaptive Taylor approximation algorithms for parametric and stochastic elliptic PDEs	Abstracts p. 220
17:00-17:30	Virginie Ehrlacher (Ecole des Ponts ParisTech, France) Greedy algorithms for non symmetric linear problems with uncertainty	Abstracts p. 220
17:30-18:00	Christian Rieger (Institute for Numerical Simulation, University of Bonn, Germany) Regularized reconstruction with series kernels	Abstracts p. 221