

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

Special Session <b>53</b>	<b>Greedy Algorithms and Tensor Product Representations for High-dimensional Problems</b> Organizer(s): Virginie Ehrlacher, Tony Lelievre	Location <b>MAG-B</b>
13:30-14:00	Reinhold Schneider (TU Berlin, Germany) Optimization in hierarchical tensor formats	Abstracts p. 221
14:30-15:00	Antonio Falco (Universidad de Alicante, Spain) Geometric Structures in Tensor Representations	Abstracts p. 220
15:00-15:30	Bernard G Haasdonk (University of Stuttgart, Germany) The POD-Greedy Method: Convergence Rates and Applications	Abstracts p. 220