

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

Special Session 81	Analysis and Simulation of Multi-scale Problems Organizer(s): Xiao-Ping Wang, Yang Xiang	Location REH-3
13:30-14:00	Pingbing Ming (AMSS, Peoples Rep of China) Well-posedness of A Generalized Peierls-Nabarro Model	Abstracts p. 302
14:00-14:30	Weiqing Ren (New York University, Singapore) A seamless multiscale method and its application to complex fluids	Abstracts p. 303
14:30-15:00	Phanish Suryanarayana (Georgia Institute of Technology, USA) Coarse-graining Kohn-Sham Density Functional Theory	Abstracts p. 303
15:00-15:30	Xiaoping Wang (Hong Kong University of Science and Technology, Hong Kong) Efficient numerical methods for the phase field simulation of moving contact line problem	Abstracts p. 303