## Parallel Session 11  Wednesday, July 4, 13:30PM-15:30PM

| Special Session 44 | **Applications of Chaotic and Stochastic Multiscale Dynamics**  
Organizer(s): Rafail Abramov, Gregor Kovacic, Ilya Timofeyev | Location | REH-2 |
|-------------------|--------------------------------------------------|---------|
| 13:30-14:00       | Kevin K Lin (University of Arizona, USA)  
Faster Dynamic Monte Carlo via Markov Couplings | Abstracts | p. 188 |
| 14:00-14:30       | Yi Sun (University of South Carolina, USA)  
A Multiscale Method for Epitaxial Growth | Abstracts | p. 189 |
| 14:30-15:00       | Arjun Beri (Mathematical Biosciences Institute, USA)  
A general Method for Parametric Estimation of Stochastic Volatility Models | Abstracts | p. 186 |
| 15:00-15:30       | Rafail V Abramov (University of Illinois at Chicago, USA)  
A simple linear response closure approximation for slow dynamics of a multiscale system | Abstracts | p. 186 |