
Monday, May 1, 2017

7:30am	Registration	Capital AD prefunction
General Session		Capital ABC
Chair: Stuart Hudson		
8:30am - 9:30am	Frank von Hippel	The Iran Nuclear Deal: How we got here and our options going forward
9:30am - 10:00am	Timothy Stoltzfus-Dueck	Parasitic momentum flux in the tokamak core
10:00am - 10:30am	Break	
Chair: David Green		
10:30am - 11:00am	Xianzhu Tang	Critical role of plasma heat flux on Bohm criterion
11:00am - 11:30am	Bo Li	Bifurcation and hysteresis of plasma edge transport in a flux-driven system
11:30am - 12:00pm	Jason TenBarge	An Eulerian Discontinuous Galerkin Scheme for the Fully Kinetic Vlasov-Maxwell System with Applications to Turbulent Dynamics and Dissipation
1:30pm - 3:30pm	Poster Session I	Capital D
3:30pm - 4:00pm	Beverage Break	
4:00pm - 6:00pm	Poster Session II	Capital D

Tuesday, May 2, 2017

Chair: David Green		
8:30am - 9:30am	Doug Kothe	Exascale Applications: Opportunities and Challenges
9:30am - 10:00am	Break	
10:00am - 12:00pm	Poster Session III	Capital D
Chair: Emily Belli		
4:00pm - 4:30pm	Silvia Espinosa	Theoretical explanations of impurity removal in I-mode and poloidal pedestal asymmetries

4:30pm - 5:00pm	David Hatch	Pedestal Shear Suppression: Theory and Computation
5:00pm - 5:30pm	Seung-Hoe Ku	Gyrokinetic simulation of a fast L-H bifurcation dynamics in a realistic diverted tokamak edge geometry
5:30pm - 6:00pm	Odd Erik Garcia	Intermittent fluctuations in the scrape-off layer of tokamak plasmas
7:00pm - 10:00pm	Banquet	Annapolis ballroom
7:00pm - 8:00pm	Banquet Reception	
8:00pm - 10:00pm	Banquet Dinner and student research awards	

 Wednesday, May 3, 2017

Chair: Richard Fitzpatrick

8:30am - 9:30am	James Drake	Electron and ion heating, acceleration and energy partition during magnetic reconnection in space and astrophysical systems
9:30am - 10:00am	Leopoldo Carbajal	Synchrotron emission diagnostic in kinetic simulations of runaway electrons in magnetic confinement fusion plasmas
10:00am - 10:30am	Break	
Chair: Tunde Fulop		
10:30am - 11:00am	Linnea Hesslow	Kinetic effects of partially screened impurities in runaway-electron mitigation scenarios
11:00am - 11:30pm	Christopher McDevitt	Topological Dependence of Runaway Avalanche Threshold in Phase Space
11:30am - 12:00am	Ola Embreus	Relativistic Boltzmann collision operator for runaway-avalanche studies