

First Team Meeting on Energy Partition across Collisionless Shocks Johannes Geiss Auditorium (1st floor) at ISSI Bern

Monday, May 30

10:00		Introduction
11:00	T. Amano	Theory of Electron Injection at Shocks: Implication for Observations and Kinetic Simulations
12:00	M. Pohl	
13:00		
14:00		
15:00	J. Raymond	Turbulence and Particle Acceleration in Radiative shocks
16:00		
17:00		Free Discussion

Tuesday, May 31

10:00	W. Fox	Laboratory experiments and simulation of collisionless shocks
11:00	F. Fiuzza	The microphysics of high Mach number shocks: connecting simulations and laboratory experiments
12:00	A. Retino	
13:00		
14:00		
15:00	L. Sironi	Electron heating in GRB shocks and cluster shocks
16:00	M. Iwamoto	Particle Acceleration by Pickup Process Upstream of Relativistic Shocks
17:00		Free Discussion

Wednesday, June 1

10:00	D. Ryu	Shocks and Turbulence in Intracluster Plasma
11:00	H. Kang	Particle Acceleration at Weak Shocks in high beta ICM
12:00	J. Niemiec	Electron acceleration in high beta low Mach number shocks
13:00		
14:00		
15:00		
16:00		Free Discussion
17:00		

Thursday, June 2

10:00	A. Bohdan	DSA at highly oblique SNR shocks.
11:00	P. Ghavamian	electron-ion equilibration in ISM and ejecta shocks
12:00		
13:00		
14:00	S. Matsukiyo	Microstructure of a pickup ion mediated shock
15:00	A. Tran	Electron heating in 2D PIC simulations of quasi-perpendicular low-beta shocks
16:00	M. Lindberg	Electron energization at quasi-perpendicular shocks using MMS data
17:00		Free Discussion

Friday, June 3

10:00		
11:00		Summary and Wrap Up
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		