

**THEMIS/ARTEMIS Conference Schedule
Fairbanks Spring 2013**

	Monday March 25	Tuesday March 26	Wednesday March 27	Thursday March 28
10:30	Breakfast and Registration (West Gold Room)	Breakfast	Breakfast	Breakfast
10:40				
10:50		Chair: Larry Lyons	Chair: Andre Runov	Chair: Xinlin Li
11:00	Talaat	11:00-11:15McCoy - Introduction to University of Alaska Fairbanks' Geophysical Institute	Vassilis Angelopoulos - Magnetotail energy content and release observed by ARTEMIS and allied spacecraft	Richard Thorne - Local electron acceleration to relativistic energies during the October 9, 2012 magnetic storm
11:10	THEMIS Instruments	11:15-11:35Toshi Nishimura - Substorm pre-onset sequence detected by high resolution radar observations.	Stefan Kiehas - Reconnection signatures near lunar orbit	Q-G Zong - Fast Acceleration of Ring Current Ions by ULF Waves
11:20	THEMIS Instruments	11:35-11:55Bill Bristow -Substorm observations with mid-latitude SuperDARN	Yasong Ge - Plasmoids in Distant Magnetotail – Views from OpenGGCM simulations	Matina Gkloulou - Particle injections in the inner magnetosphere: the Van Allen Probes perspective
11:30	THEMIS Instruments	11:55-12:15Roman Makarevich - Multi-instrument observations of subauroral polarization stream in the southern hemisphere	David Sibek - Response of the Distant Magnetotail to Varying Solar Wind Conditions	Scott Elkington - Pc5 ULF wave mode structure and energetic particle dynamics in the outer zone radiation belts.
11:40	THEMIS Instruments	12:15-12:35Kristina Lynch - Observations from the MICA nightside auroral sounding rocket	Gabor Facsko - Multi-scale motions of distant magnetotail	Xinlin Li - Estimates of the Power per Mode Number of ULF waves from THEMIS and Ground Magnetometer measurements
11:50	THEMIS Instruments	12:35-12:55 Coffee	Coffee	Coffee
12:00	Mission Planning	12:55-13:15 Ryuho Kataoka - Ground-based high-speed imaging of aurora	Dragos Constantinlescu - Low altitude magnetic field at the Moon: Artemis observations	Miyoshi Yoshizumi - Simulation on the IMF Bz control of the chorus wave excitation during the high-speed coronal hole streams
12:10	Mission Planning	13:15-13:35 Don Hampton - The other aurora: diffuse auroral structures and some implications for M-I coupling	Kazuo Shiokawa - Ground Network Observations for the ERG Project	Drew Turner - Some new perspectives on outer radiation belt dynamics from multipoint observations with THEMIS, Van Allen Probes, and more
12:20	Mission Planning	13:35-13:55Anthony Mannucci - Magnetosphere-ionosphere coupling: contributions from total electron content observations	Xinlin Li - Small Mission (CSSWE) – Big Impact on Space Weather Research	Adam Kellerman - 3D data assimilation and reanalysis during the CRRES era
12:30	Mission Planning	13:55-14:15Ying Zou - Statistical study of the relationship between enhanced polar cap flows and PBIs	13:55-14:15 Naomi Maruyama - Impact of the Ionosphere-Thermosphere coupling on the magnetosphere	Discussion
12:40	Coffee	14:15-14:30 Discussion	Discussion	Discussion
12:50	Chair: Vassilis Angeloulas	Lunch	Lunch	Lunch
13:00	Andrei Runov - Dipolarization front braking: THEMIS case studies	Chair: Matina Gkloulidou	Chair: Brian Walsh	Chair: Hui Zhang
13:10	13:20-13:35Xiaoyan Zhou - Interplanetary Shock-induced Substorm on April 2, 2010	16:00-16:15 Xiaoyan Zhou - Current Sheet Thinning Caused by Interplanetary Shock Compression	Drew Turner - Foreshock bubbles and their effects on particle acceleration and the magnetosphere-ionosphere system	Paul Cassak - Properties of Asymmetric Reconnection at the Dayside Magnetopause
13:20	13:35-13:55Larry Lyons-Polar cap Flow Channels' Contributions to Auroral Activity	16:15-16:35 Antonius Otto - Current Sheet thinning by Midnight Magnetic Flux Depletion	Michael Hartinger - The role of transient ion foreshock phenomena in driving Pc5 ULF wave activity	Shiva Kavosi - THEMIS Observation of Kelvin- Helmholtz Instability
13:30	13:55-14:15Ying Zou - Statistical study of the relationship between enhanced polar cap flows and PBIs	16:35-16:55 Min-Shiu Hsieh - Flux Tube Properties and Ionospheric Maps of Magnetotail Currentsheet Thinning.	Hui Zhang - Recent Development in Hot Flow Anomaly Studies	Brian Walsh - Plasmaspheric plumes at the magnetopause
13:40	14:15-14:30 Discussion	16:55-17:15 Chao Yue - Data-driven 3D-force balanced magnetic field configuration and comparison with T89 and observation	Christina Chu - Hot Flow Anomalies: THEMIS Results	Ling-Hsiao Lyu - A study of electrons' motion in a thin current sheet and a possible cause of the observed flux transfer events
13:50	Lunch	17:15-17:35 Quanqi Shi - Interaction of solar wind dynamic pressure pulse with the magnetotail	Heli Hietala - Modeling the Flow behind a Rippled Bow Shock	Tomohiko Izutsu - THEMIS observations of plasma transport via eddy diffusion
14:00	Lunch	17:35 -17:55 Coffee	Coffee	Coffee
14:10	Lunch	17:55-18:15 Peter Delamere - Summary from the Iceland meeting	Wen-Chieh Hsieh - Dependence of the Oblique Propagation of ULF Foreshock Waves on Solar Wind parameters	Sunhee Lee - Plasma and Energetic Particle Behaviors during Symmetric and Asymmetric Magnetic Reconnection at the Magnetopause
14:20	Lunch	18:15-18:35 Richard Wolf - What Controls the Thickness of Region-2 Birkeland Currents?	Gabor Facsko - Static and dynamic ECLAT MHD simulations	Xuanye Ma - Interaction of Magnetic Reconnection and Kelvin-Helmholtz Modes for Large Magnetic Shear
14:30	Lunch	18:35-18:55 Matthew Gilson - Influence of the RCM feedback on the OpenGGCM magnetotail	Yu Lin - Wave Mode Conversion and the Associated Ion Transport at the Dayside Magnetopause	Discussion
14:40	Lunch	18:55-19:15 Joseph Kan - Storm-substorm both driven by SW-MP dynamo controlled by the dayside-tail reconnection	Discussion	Discussion
14:50	Lunch	19:15-19:30 Discussion	Dinner	Dinner
15:00	Lunch	19:45 Drive to Poker Flat	Dinner	Dinner
15:10	Lunch	20:45-22:45 Group Dinner at Chatanika Lodge	Dinner	Dinner
15:20	Lunch		Dinner	Dinner
15:30	Lunch		Dinner	Dinner
15:40	Lunch		Dinner	Dinner
15:50	Lunch		Dinner	Dinner
16:00	Excursion to Ice Park		Drive to Poker Flat	Drive to Poker Flat
16:10			Drive to Poker Flat	Drive to Poker Flat
16:20			Drive to Poker Flat	Drive to Poker Flat
16:30			Drive to Poker Flat	Drive to Poker Flat
16:40			Drive to Poker Flat	Drive to Poker Flat
16:50			Drive to Poker Flat	Drive to Poker Flat
17:00			Drive to Poker Flat	Drive to Poker Flat
17:10			Drive to Poker Flat	Drive to Poker Flat
17:20			Drive to Poker Flat	Drive to Poker Flat
17:30			Drive to Poker Flat	Drive to Poker Flat
17:40			Drive to Poker Flat	Drive to Poker Flat
17:50			Drive to Poker Flat	Drive to Poker Flat
18:00			Drive to Poker Flat	Drive to Poker Flat
18:10			Drive to Poker Flat	Drive to Poker Flat
18:20			Drive to Poker Flat	Drive to Poker Flat
18:30			Drive to Poker Flat	Drive to Poker Flat
18:40			Drive to Poker Flat	Drive to Poker Flat
18:50			Drive to Poker Flat	Drive to Poker Flat
19:00			Drive to Poker Flat	Drive to Poker Flat
19:10			Drive to Poker Flat	Drive to Poker Flat
19:20	Dinner		Drive to Poker Flat	Drive to Poker Flat
19:30	Dinner		Drive to Poker Flat	Drive to Poker Flat
19:40	Dinner		Drive to Poker Flat	Drive to Poker Flat
19:50	Dinner		Drive to Poker Flat	Drive to Poker Flat
20:00	Dinner		Drive to Poker Flat	Drive to Poker Flat
20:10	Dinner		Drive to Poker Flat	Drive to Poker Flat
20:20	Dinner		Drive to Poker Flat	Drive to Poker Flat
20:30	Dinner		Drive to Poker Flat	Drive to Poker Flat
20:40	Dinner		Drive to Poker Flat	Drive to Poker Flat
20:50	Dinner		Drive to Poker Flat	Drive to Poker Flat
21:00	Dinner		Drive to Poker Flat	Drive to Poker Flat
21:10	Dinner		Drive to Poker Flat	Drive to Poker Flat
21:20	Dinner		Drive to Poker Flat	Drive to Poker Flat
21:30	Dinner		Drive to Poker Flat	Drive to Poker Flat
21:40	Dinner		Drive to Poker Flat	Drive to Poker Flat
21:50	Dinner		Drive to Poker Flat	Drive to Poker Flat
22:00	Dinner		Drive to Poker Flat	Drive to Poker Flat
22:10	Dinner		Drive to Poker Flat	Drive to Poker Flat
22:20	Dinner		Drive to Poker Flat	Drive to Poker Flat
22:30	Dinner		Drive to Poker Flat	Drive to Poker Flat
22:40	Dinner		Drive to Poker Flat	Drive to Poker Flat
22:50	Dinner		Drive to Poker Flat	Drive to Poker Flat
23:00	Aurora	Poker Flat Research Range Tour and Aurora Viewing	Aurora	Aurora
23:10	Aurora		Aurora	Aurora
23:20	Aurora		Aurora	Aurora
23:30	Aurora		Aurora	Aurora
23:40	Aurora		Aurora	Aurora
23:50	Aurora		Aurora	Aurora
0:00	Aurora		Aurora	Aurora
0:10	Aurora		Aurora	Aurora
0:20	Aurora		Aurora	Aurora
0:30	Aurora		Aurora	Aurora
0:40	Aurora		Aurora	Aurora
0:50	Aurora		Aurora	Aurora
1:00	Aurora		Aurora	Aurora
1:10	Aurora		Aurora	Aurora
1:20	Aurora		Aurora	Aurora
1:30	Aurora		Aurora	Aurora
1:40	Aurora		Aurora	Aurora
1:50	Aurora		Aurora	Aurora
2:00	Aurora		Aurora	Aurora
2:10	Aurora		Aurora	Aurora
2:20	Aurora		Aurora	Aurora
2:30	Aurora		Aurora	Aurora
2:40	Aurora		Aurora	Aurora
2:50	Aurora		Aurora	Aurora
3:00	Aurora		Aurora	Aurora
3:10	Drive back to FAI	Drive back to FAI	Drive back to FAI	Drive back to FAI
3:20	Drive back to FAI	Drive back to FAI	Drive back to FAI	Drive back to FAI
3:30	Drive back to FAI	Drive back to FAI	Drive back to FAI	Drive back to FAI
3:40	Drive back to FAI	Drive back to FAI	Drive back to FAI	Drive back to FAI
3:50	Drive back to FAI	Drive back to FAI	Drive back to FAI	Drive back to FAI
4:00	Drive back to FAI	Drive back to FAI	Drive back to FAI	Drive back to FAI

Yellow: Tail and M-I coupling

Light blue: Distant tail and lunar

Red: Radiation Belt

Grey: Dayside