

**LASP THEMIS Workshop Agenda**  
**March 23-25 2009**  
*Conference Room A200, Splinter Rooms A201 & A260*

*Monday March 23 [0830-1730]*

<b>0830-0900</b>	<b>THEMIS/ARTEMIS Status</b> [Goodrich, Sibeck, Angelopoulos]
<b>0900-1030</b>	<b>Instrument Status</b> (15 min each)
0900-0912	ESA [James McFadden]
0915-0927	SST [Davin Larson]
0930-0942	FGM [Ferdinand Plaschke]
0945-0957	SCM [Olivier Le Contel]
1000-1012	EFI [John Bonnell]
1015-1027	GBO [Emma Spanswick]
<b>1030-1115</b>	<b>Break</b>
<b>1115-1215</b>	<b>Support Status</b> (15 min each)
1115-1127	Orbits [Vassilis Angelopoulos]
1130-1142	Software [Vassilis Angelopoulos]
1145-1157	DATA/OPS [Manfred Bester]
1200-1212	EPO [Manju Prakash]
<b>1215-1315</b>	<b>Lunch</b>
<b>1315-1500</b>	<b>Session A</b> [Conveners: David Sibeck and Jonathan Eastwood]
1315-1325	Christian Jacquey
1330-1340	Ling-Hsiao Lyu
1345-1355	Hui Zhang (NASA/GSFC)
1400-1410	Cheng-Chung Lin
1415-1425	Laila Andersson
1430-1440	Tai Phan
1445-1455	Karlheinz J. Trattner
<b>1500-1545</b>	<b>Break</b>
<b>1545-1730</b>	<b>Session B</b> [Conveners: Tai Phan, David Sibeck]
1545-1555	David G. Sibeck
1600-1610	Hui Zhang (UCLA)
1615-1625	Stefan Eriksson
1630-1640	Francesco Palermo (Olivier Le Contel)
1645-1655	Ferdinand Plaschke
1700-1710	Jih-Hong Shue
1715-1725	
<b>1730</b>	<b>End of First Day</b>

*Tuesday March 24 [0830-1800]*

<b>0830-1730</b>	<b>Session C</b> [Conveners: Ian Mann, Andrei Runov]
0830-0835	Welcome
0835-0935	TOPIC I Presentations/Poster Announce.[10 x 5min + 10min buff]
0935-1020	TOPIC III Presentations/Poster Announce.[7 x 5min + 10min buff]
<b>1020-1040</b>	<b>Break</b>
1040-1140	1 <sup>st</sup> POSTER SESSION: TOPICS I and III
1140-1210	TOPIC I Discussion [Lead: R. Strangeway, A. Runov and C. Gabrielse]
<b>1210-1310</b>	<b>Lunch / Splinter Discussions</b>
1310-1405	TOPIC II Presentations/Poster Announce.[9 x 5min + 10min buff]
1405-1455	TOPIC IV Presentations/Poster Announce.[8 x 5min + 10min buff]
<b>1455-1510</b>	<b>Break</b>
1510-1610	2 <sup>nd</sup> POSTER SESSION: TOPICS II and IV
1610-1650	TOPIC II Discussion [Lead: V. Sergeev, I. Mann and J. Kissinger] <i>Objective: Develop recommendations on "standard" timing measures within THEMIS Team (Sergeev abstract)</i>
1650-1800	TOPIC V Real-Time Data Analysis and Open Discussion [Lead: V. Angelopoulos (Tail-PS) and J. Rae (MI-coupling)] <i>Objective: Target new collaborations for T2 events</i>
<b>1800</b>	<b>End of Second Day</b>
<b>1900</b>	<b>Dinner at Walnut Brewery, downtown Boulder</b>

*Wednesday March 25 [0830-1200]*

<b>0830-1200</b>	<b>Session D</b> [Conveners: Xinlin Li, Ian Mann]
0830-0845	Xinlin Li
0850-0905	Weichao Tu
0910-0925	Wenlong Liu
0930-0945	Wen Li
0950-1005	Maria Usanova
<b>1010-1040</b>	<b>Break</b>
1040-1055	Lunjin Chen
1100-1115	Dragos Constantinescu
1120-1135	Ian Mann
1135-1200	Session D Discussion [Lead: X. Li and I. Mann] <i>Objectives:</i> (i) <i>Establish Scientific Upcoming Objectives for Radiation Belt and Inner Magnetosphere Science</i> (ii) <i>Examine and recommend changes to THEMIS operational planning for next dayside season</i>
<b>1200</b>	<b>End of Last Day</b>

### **Science Session Description**

**Session A:** Solar Wind, Foreshock, Bow Shock and Magnetosheath

**Session B:** Magnetopause, Polar Cusps, Dayside Aurora

**Session C:** Magnetotail, Plasma Sheet, Substorms and Nightside Aurora

**Session D:** Inner Magnetosphere, Radiation Belts and Plasmasphere

### **Session C TOPIC Description**

**TOPIC I:** Physics of Dipolarizations

**TOPIC II:** Timing of Substorm Signatures

**TOPIC III:** Aurora and Magnetometer GBOs, MIC, Mapping

**TOPIC IV:** Wave-particle Interactions, Particle Energization, Turbulence

**TOPIC V:** Second Tail Season (T2) Events

#### Session C TOPIC I Presenters

- A. T. Y. Lui
- R. L. McPherron (T.-S. Hsu)
- R. Nakamura
- T. Takada
- S. Li
- E. Spanswick
- L. Kepko
- V. Sergeev
- X. Xing
- J. P. McFadden

#### Session C TOPIC II Presenters

- S. A. Kiehas
- S. M. Imber
- E. V. Panov
- T.-S. Hsu
- C.-I. Meng
- P. J. Chi (M. Kivelson)
- R. L. Lysak
- Y. Song
- N. Lin

#### Session C TOPIC III Presenters

- M. Kubyshkina
- C. Gabrielse
- R. J. Strangeway
- A. Keiling
- V. Uritsky
- N. A. Frisell
- K. R. Murphy

Session C TOPIC IV Presenters

- O. Le Contel
- X. H. Deng
- R. E. Ergun
- M. Oieroset (T. Phan)
- A. Runov
- C.-H. Lin
- Z. Voros
- X. Zhou

Session C TOPIC V Presenters

- V. Angelopoulos
- Y. S. Ge
- I. J. Rae