

# AIAA Microgravity and Space Processes Technical Committee Meeting Minutes

June 17, 2005

Meeting Opened 12:00 PM ET

## Welcome and Introductions

Mike Banish, MSPTC Chairperson welcomed everyone to the meeting and gave an overview of the agenda for the meeting. The members introduced themselves (see attachment #1).

## Review of Old Action Items

A review of the old action items was led by Jeff Marchetta. The table below summarizes the Action Item review which was last updated in January.

**ACTION ITEMS (AS OF 1/10/05)**

Action Item	Description	Actionee	Status	PTOC	O/C
1/08.06.03	Publish summary article in AIAA	Koss	Extended PTOC	1/10/05	OPEN
1/09.01.04	Post all future meetings and conferences on MSPTC website.	Banish	In Progress	1/10/05	OPEN
1.01.11.05	Contact Mike Banish about participating in CVD	Banish	Closed	2/1/05	CLOSED
2.01.11.05	Mickey King, Kurt Sacksteder, and Chuck Hayes find information for website to Interim Report to National Academy and report to TC	Banish	Pending	4/8/05	OPEN
3.01.11.05	Fred Kohl/Mike Fiske to report current BAA's to list-serve and John Hochstein will update website with a threaded message board if possible	Banish	Pending	4/8/05	OPEN
4.01.11.05	New temporary subcommittee will collect information on and report direction of microgravity activities	Banish	Pending	4/8/05	OPEN

## Subcommittee Reports

### Executive and Congressional Liaison – Banish

Executive committee discussed conference papers and possible new title for the symposium to include an exploration theme. The symposium should be well attended with approximately 9 sessions. Subcommittee to address TC mission has nothing new to report and the action item remains open. Discussion on the symposium name change concluded with the name 20<sup>th</sup> Microgravity Science and Space Processing for Exploration.

### Awards – Sacksteder

Fred Kohl reported that only 3 session chairs regarding best paper and best presentation awards for the Reno meeting. Fred Kohl made an action item for members to make nominations for these awards and to complete nomination packages for the Space Processing Award. The TC currently has 3 nominations for the award.

### Publications – Gustafson

No new information was reported.

### Education and Outreach – Schlagheck

John Pojman reported that Marshall has started webcasts pertaining to space and exploration science to enhance outreach. Matt Koss will be offering an educators workshop.

### Conference and Meetings – Doherty

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Stephen Tse reported that the Reno 2006 would be well attended with approximately 9 sessions.

## Congressional Liaison– Lupulescu

Mike Banish spoke on behalf of Afina Lupulescu about CVD. Congressional staffers seemed interested and concerned in discussions about the shrinking emphasis on science in space funding. They also discussed the role of women in science and space.

## Commercial Liaison – Barker

Karen Barker reported meeting with several congressman at CVD and reaffirmed their interest in research and development and cooperative efforts.

## TC Liaison – Nahra

No new information was reported.

## Nominations and Elections – Nahra

.No new information was reported.

## Membership – Ma

Nancy Ma reported that the TC membership included 34 members, 1 associated member, and 2 international members. Two members were administratively dropped because they did not pay their dues.

## New Business

Steven Collicot is assembling a short course on the Surface Evolver code and wanted to discuss possible association with the TC. Dave Chato mentioned the possibility of hosting a propulsion seminar. Members clarified role of temporary subcommittee to be composed of Fred Kohl, Mike Fiske, John Hochstein, and Mike Doherty to make a recommendation about the mission statement and name of the TC. Mike Banish made an action item to remind members to solicit new members for the TC in areas not currently represented. Radiation was one area mentioned.

## New or Continuing Open Action Items (As of 6/17/05)

Action Item	Description	Actionee	Status	PTOC	O/C
1/08.06.03	Publish summary article in AIAA	Koss	Extended PTOC	9/05	OPEN
1/09.01.04	Post all future meetings and conferences on MSPTC website.	Banish	In Progress	9/05	OPEN
2.01.11.05	Mickey King, Kurt Sacksteder, and Chuck Hayes find information for website to Interim Report to National Academy and report to TC	Banish	In progress	9/05	OPEN
3.01.11.05	Fred Kohl/Mike Fiske to report current BAA's to list-serve and John Hochstein will update website with a threaded message board if possible	Banish	In progress	9/05	OPEN
4.01.11.05	Temporary subcommittee will make a recommendation regarding mission statement and TC name	Banish	In progress	9/05	OPEN
1.06.17.05	Please submit best paper and best presentation nominations to Kurt for the Reno 2005 symposium. Also need more nominations for the Space Processing Award	Kohl	New	9/05	OPEN

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2.06.17.05	Mike Banish will send an e-mail to solicit new candidates to the TC from areas not currently represented	Banish	New	9/05	OPEN
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Meeting Adjourned at 12:50pm. ET

Submitted by:  
Jeff Marchetta, MSP TC Secretary

**Attachments:**

1. Attendance



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Name and Affiliation	Member Since	Telecon – June 2005	Reno – Jan. 2005	Telecon – Sept 2004	Reno – Jan. 2004	Telecon – Nov. 2003	Telecon – Aug. 2003	Telecon – April 2003	Reno – Jan. 2003	Houston – Oct. 2002	Telecon – July 2002	Telecon – April 2002	Reno – Jan. 2002	KSC – Oct. 2001	Telecon – Sept. 2001	Telecon – April 2001	Reno – Jan. 2001	Telecon – Sept. 2000	Vancouver – May. 2000	Telecon – March 2000	Reno – Jan. 2000	Telecon – Sept. 1999	Cleveland – May 1999	Telecon – March 1999	Reno – Jan. 1999
Merrill King – NASA HQ	94	x	x	x	o	x	x	x		x			x				x	x		x	x	x	x	x	x
Fred Kohl – NASA GRC	87	x	x	x	x			x	x	x	x	x	x	x		x	x	x		x	x	x	x	x	x
Mathew Koss – Holy Cross	98		x	x	*	x	x	x	x		x	x					x	x	x			x			x
Jeffrey LaCombe – U. Nevada-Reno	01	x			x		x		x			x	x		x	x	x								
Afina Lupulescu – RPI	00	x		x	o	x		x	x	x	x	x	x	x				x			x				
Nancy Ma – N.C. State	02	x	x	x	o		x	x	x	x	x	x													
Jeff Marchetta – U. Memphis	00	x	x	x	x	x	x		x	x		x	x				x	x			x				
Brian Motil – NASA GRC	00				x	x		x	x	x	x	x		x		x	x	x		x					
Henry K. Nahra – NASA GRC	98		o		x	x		x	x	x		x	x	x		x	x	x		x	x	x	x		x
Aleksander Ostrogorsky – RPI	95		x					x	x		x	x	x				x			x	x			x	
Masood Parang – U. of Tenn.	91										x														x
John Pojman – U. Southern Miss.	98	x	x	x	x	x	x						x		x	x	x	x			x	x			
Kurt Sacksteder – NASA GRC	98		x	x	x	x	x	x	x	x		x	x		x	x	x	x			x			x	x
Ron Schlagheck – NASA MSFC	02	x	x	x	x	x	o	x	x	x	x														
Benjamin Simmons –U. Memphis	04		x	x	x																				
Ramachandra Srinivas – SSSI	98									x		x			x	x									
Jose Torero – U of Edinburgh	98															x	x	x			x	x	x		x
Stephen Tse – Rutgers U.	01	x	x	x	x				x			x	x		x	x	x								

x -> attended meeting    o -> a representative attended meeting    \* -> was to be tied in via telecon (credited with attending meeting)

**Guests:** Regina Pope