

***Jules Verne Multi-Instrument Aircraft Campaign
– postflight intermediate results science meeting***

Location: ERASMUS Auditorium, ESA-ESTEC

Draft Agenda (4th March 2009)

Monday 9th March 2009

	Presenter	Time
Part #1 General overview & mission operations		
General Introduction & Welcome	John Ellwood (ESA, ESTEC)	10:00
	Tomasso Sgobba (ESA, ESTEC)	10:10
ATV-CC mission operations during phasing & reentry.	Mike Steinkopf (ESA, ATV-CC)	10:20
Brief overview of mission concept, planning & JV-MAC mission operations	Jason Hatton (ESA, ESTEC)	10:50
Coffee break		11:20
ATV Reentry: Aircraft flight planning, execution & lessons	Jim Albers	11:30
Lunch		12:15
Part #2 Instrument team results part#1 (including iLINK to remote participants in United States)		
<i>General Sequence Events & Trajectory Reconstruction</i>		
Overview of status of analysis & key results to date	Peter Jenniskens (SETI Institute)	13:15
HDTV Color observations of of the Jules Verne reentry: Identification of key events and potential exploitation of dataset	Peter Jenniskens, Jason Hatton & Antoine Bavandi	14:15
Preliminary trajectory reconstruction from low light pointing cameras on Gulfstream V and DC-8	Hans Stenbaek-Nielsen (Univ. Alaska in Fairbanks)	14:45
Coffee Break		15:30
Analysis of faint fragment photometry and astrometry using intensified video camera's	Ed Barker (presentation via iLINC)	15:45
Trajectory reconstruction of the ATV reentry from SPOSH camera images	Detlef Koschny	16:30
Round Table Discussion: General Sequence of Events & Integrated trajectory Reconstruction	All	17:00
End of Day #1		18:00

Tuesday 10th March 2009

	Presenter	Time
Part #3 Application of results of observing campaign to safety assessment & modelling		
Application of results of campaign to improvement of reentry safety assessment	Tomasso Sgobba (ESA, ESTEC)	09:00
Part #4 Instrument team results part#2		
<i>Understanding the processes occurring during the Jules Verne reentry part #1</i>		
Spectroscopic analysis of the reentry events: Echelle, Astro & INT instrument preliminary results	Peter Jenniskens (SETI Institute)	09:30
Coffee Break		10:30
NIRSPEC1 Instrument Results	Mike Taylor (Utah State Univ.)	10:45
NIRSPEC2 Instrument Results: Fragment composition and tumble rates	Ron Dantowitz (Clay Center)	11:45
Lunch		12:45
Part #5 Instrument team results part#3 (including iLINK to remote participants in United States)		
<i>Understanding the processes occurring during the Jules Verne reentry part #2</i>		
SLIT Instrument Results: High Resolution Spectroscopy of the Jules Verne Reentry	George Herdrich (IRS, Stuttgart)	14:00
Multiband imaging photometry of the reentry (FROG)	Mike Winter (Ecole Centrale, Paris)	15:00
Coffee Break		16:00
Long focal length imaging of ATV's trailing fragments during reentry	Chris Kitting, via iLINC	16:15
Infrasound measurements of Jules Verne reentry and atmosphere state at time of reentry	(TBC, KNMI)	16:45
Round Table Discussion: Understanding the processes occurring during the Jules Verne Reentry	All	17:15
Social Event in a local restaurant		19:00

Wednesday 11th March 2009

	Presenter	
Part #6 Instrument team results part#4		
FIALKA & ISS observational results	George Karabadzhak (TSNIIMASH)	09:00
Coffee Break		10:30
<i>Explosive events & fragment tumbling</i>		
High Speed Imaging of fragmentation events and tumbling: Image extraction and analysis	Christina Giannopapa, Jason Hatton (ESA, ESTEC) & Eric Franken (Univ. Eindhoven)	10:45
High Speed Imaging of explosive events	Hans C. Stenbaek-Nielsen (Univ. Alaska at Fairbanks)	11:45
Lunch		12:30
Part #7 Round table discussion of observational data; An integrated understanding of the events occurring during the Jules Verne reentry	All	13:30
Coffee break		16:00
Part #8 Meteor mission results & Future missions		
Aurigid & Quadrantid MAC mission results	Peter Jenniskens (SETI Institute)	16:15
Habuyasu reentry observations	Tetsu Yamada (JAXA, Japan)	17:15
End of Day #3		18:00

Thursday 12th March 2009

Part #9 Extended data analysis	Presenter	
Remaining activities / analysis by JV-MAC team	Peter Jenniskens (SETI Institute)	09:00
GSP Study plan	Christina Giannopapa (ESA, ESTEC)	10:00
Coffee Break		11:00
GSTP Study plan	Tomasso Sgobba (ESA, ESTEC)	11:15
Lunch		12:15
Long term JV-MAC data archiving in the ESA Planetary Science Archive	Gerhard Schwem (ESA, ESAC)	13:30
Part #10 Roundtable discussion & wrap up		14:00
End of meeting		17:00