

# ISSI Workshop on Origin and Early Evolution of Comet Nuclei

(17.-20. October, 2006, ISSI, Hallerstr. 6, 3012 Bern)

Tuesday- Thursday	at ISSI
Friday	at Exakte Wissenschaften, B 5
Colloquium	at Exakte Wissenschaften, Grosser Hörsaal

**Tuesday, 17. October, 2006**

Afternoon

Chair: U. Keller

1400 h	Welcome, logistics	H. Balsiger
<b>Introductory talks</b>		
1430 h	Origin of cometary material	W. Huebner
1515 h	Coffee	
1615 h	Origin of comet nuclei and dynamics	J. Fernandez
1700 h	<i>Discussion</i>	

**Wednesday, 18. October, 2006**

Morning

Chair: D. Bockelée- Morvan

**Reservoirs for material:**

0900 h	Circumstellar grains	P. Hoppe
0945 h	Clouds	S. Charnley
1030	Coffee	
1100 h	Solar nebula /Protoplanetary disk	D. Wooden
1145 h	<i>Discussion</i>	
1215 h	<i>Lunch</i>	

Afternoon

Chair: C. Alexander

**Reservoirs for comets**

1400 h	Dynamics	M. Duncan
1445 h	Compositional differences	M.A.. DiSanti
1530 h	<i>Discussion</i>	
1600 h	Coffee	

**Evolution of nuclei**

1630 h	Thermal and chemical evolution	D. Prialnik
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**Friday, 20. October, 2006** (at Exakte Wissenschaften, Sidlerstr. 5, B 5)

Morning

Chair: E. Jessberger

**New results from observations (cont.)**

0900 h	Stardust: Elemental and mineralogical composition	T. Stephan
0945 h	Stardust: Organics and isotopic composition	F. Robert
1005 h	Discussion: Stardust vs. Deep Impact	Stephan, Robert, A'Hearn
1030 h	Coffee	

**Future: The Rosetta Mission**

1100 h	Capabilities of Rosetta orbiter	S. Gulkis
1125 h	Capabilities of Rosetta lander	J. Biele
1150	<i>Discussion</i>	
1215 h	<i>Lunch</i>	

Afternoon

Chair: H. Balsiger

**Closure**

1400 h	Rapporteur /Composition	K. Altwegg
1445 h	Rapporteur /Evolution and Dynamics	M. Duncan
1530 h	<i>Discussion</i>	
	<i>ISSI Publication</i>	H. Balsiger
1600 h	Coffee	
1630 h*	<b>Colloquium (at Gr. Hörsaal 099): " THE ORIGINS OF ATMOSPHERES AND LIFE: CONTRIBUTIONS FROM COMETS "</b>	T. Owen
1930 h	<b>Dinner in honor of Prof. Johannes Geiss</b>	