

**Saturday, July 24, 2010**  
**INITIAL CONDITIONS FOR PROTOPLANETARY DISKS**  
**9:00 a.m. Kaufmann Theater**

- 9:00 a.m. Speck A. K. \*  
[\*Dust from Evolved Stars to Protostars\*](#) [#6018]
- 9:30 a.m. Williams J. P. \*  
[\*Massive Stars and the Origins of Short-lived Radionuclides in the Early Solar System\*](#) [#6010]
- 10:00 a.m. Gounelle M. \*  
[\*Radioactive Clouds\*](#) [#6008]
- 10:30 a.m. COFFEE BREAK
- 11:00 a.m. Mac Low M.-M. \*  
[\*Formation of Molecular Clouds: The Initial Conditions for Star and Planet Formation\*](#) [#6016]
- 11:30 a.m. Ouellette N. \* Desch S. J.  
[\*Injection of Clumpy Supernova Ejecta into Protoplanetary Disks\*](#) [#6014]
- 11:45 a.m. Young E. D. \* Pontoppidan K. M. Smith R. L. Morris M. R. Gounelle M.  
[\*Isotopic Constraints on the Solar System Birth Environment\*](#) [#6013]
- 12:15 p.m. LUNCH

**Saturday, July 24, 2010**  
**DISK STRUCTURE**  
**2:15 p.m. Kaufmann Theater**

- 2:15 p.m. Lesniak M. \* Desch S.  
[Midplane Temperatures of Protoplanetary Disks Undergoing Layered Accretion](#) [#6011]
- 2:30 p.m. Smith R. L. \* Pontoppidan K. M. Young E. D. Morris M. R.  
[New Insights on the Origin of the Solar System  \$^{12}\text{C}/^{13}\text{C}\$  Ratio Using Protostellar Observations and Radiative Transfer Modeling](#) [#6012]
- 2:45 p.m. Brandenburg A. \*  
[How Mineralogy Depends on the Turbulent Properties of Protoplanetary Disks](#) [#6021]
- 3:15 p.m. Feigelson E. D. \*  
[Stellar Flares and Meteoritics](#) [#6020]
- 3:45 p.m. COFFEE BREAK
- 4:15 p.m. Pontoppidan K. M. \*  
[Observations of Molecular Gas in Planet-forming Regions](#) [#6024]
- 4:45 p.m. Teiser J. Engelhardt I. Wurm G. (POSTER SUMMARY)  
[Porosity and Mechanical Properties of Evolving Dust Agglomerates](#) [#6002]
- 4:52 p.m. Armytage R. M. G. Georg R. B. Williams H. M. Halliday A. N. (POSTER SUMMARY)  
[Silicon Isotope Composition of Ureilites and Other Achondrites](#) [#6005]
- 4:59 p.m. Morlok A. Lisse C. M. Howard K. T. (POSTER SUMMARY)  
[Cosmic Petrology: Comparison of Circumstellar Dust with Solar System Extraterrestrial Materials](#) [#6007]

**Saturday, July 24, 2010**  
**POSTER SESSION: WORKSHOP POSTERS**  
**5:00 p.m. Linder Theater**

Teiser J. Engelhardt I. Wurm G.

[\*Porosity and Mechanical Properties of Evolving Dust Agglomerates\*](#) [#6002]

Armstrong R. M. G. Georg R. B. Williams H. M. Halliday A. N.

[\*Silicon Isotope Composition of Ureilites and Other Achondrites\*](#) [#6005]

Morlok A. Lisse C. M. Howard K. T.

[\*Cosmic Petrology: Comparison of Circumstellar Dust with Solar System Extraterrestrial Materials\*](#) [#6007]

Sunday, July 25, 2010  
DUST IN DISKS  
9:00 a.m. Kaufmann Theater

- 9:00 a.m. Nittler L. R. \*  
[\*Implications of Presolar Grains for Protoplanetary Disk Environments\*](#) [#6006]
- 9:30 a.m. Watson D. M. \*  
[\*Protostellar Rain: Molecules and Minerals in the Youngest Protoplanetary Disks\*](#) [#6019]
- 10:00 a.m. Willacy K. \* Dodson-Robinson S. E. Woods P. M.  
[\*The Chemical Environment of Planetesimal Formation\*](#) [#6022]
- 10:30 a.m. COFFEE BREAK
- 11:00 a.m. Oliveira I. \* Pontoppidan K. M. Merín B. van Dishoeck E. F.  
[\*Evolution of Dust in Protoplanetary Disks\*](#) [#6003]
- 11:15 a.m. Ciesla F. J. \*  
[\*Thermal Evolution of Dust in the Protosolar Disk\*](#) [#6004]
- 11:45 a.m. Apai D. \*  
[\*Mixing and Thermal Processing of Preplanetary Materials in Protoplanetary Disks\*](#) [#6001]
- 12:15 p.m. LUNCH

Sunday, July 25, 2010  
PLANETESIMAL AND PLANET FORMATION  
2:15 p.m. Kaufmann Theater

- 2:15 p.m. Youdin A. N. \*  
[Planetesimal Formation](#) [#6017]
- 2:45 p.m. Kuchner M. J. \*  
[Gas in Debris Disks and the Volatiles of Terrestrial Planet Formation](#) [#6023]
- 3:15 p.m. Currie T. \*  
*Evidence for a Phyllosilicate-rich Debris Disk in the Terrestrial Zone Surrounding a 10 Myr-Old Star*
- 3:30 p.m. Miura Yas. \*  
[Formation of Stony Meteorites Estimated from Carbon and Water Contents](#) [#6009]
- 3:45 p.m. Jura M. \*  
[The Elemental Composition of Extrasolar Asteroids](#) [#6015]
- 4:15 p.m. MEETING ADJOURNS
- 6:00 p.m. RECEPTION