

**Tuesday, November 8, 2011**  
**SHORT-LIVED RADIONUCLIDES: ORIGIN AND CHRONOLOGY**  
**2:00 p.m. Poipu Ballroom**

**Chair and Discussion Leader: Andrew Davis**

- 2:00 p.m. Desch S. J. \* Pan L. Scannapieco E. (10 minutes)  
[Clumpy Supernova Ejecta Injection into Forming Planetary Systems](#) [#9117]
- 2:15 p.m. Kita N. T. \* Ushikubo T. MacPherson G. J. Jacobsen B. Yin Q-Z. Nagashima K.  
 Krot A. N. Kurahashi E. Jacobsen S. B. [INVITED] (15 Minutes)  
[Al-Mg Chronology of Refractory Inclusions and Chondrules](#) [#9109]
- 2:35 p.m. Connolly H. C. Jr. \* Young E. D. Huss G. R.  
 Nagashima K. Beckett J. R. [INVITED] (10 Minutes)  
[Exploring the Disturbance of Al-Mg Isotopes in the First Solar System Rocks: Calcium-Rich, Aluminum-Rich Inclusions](#) [#9128]
- 2:50 p.m. Bouvier A. \* Brennecka G. A. Wadhwa M. [INVITED] (15 Minutes)  
[Absolute Chronology of the First Solids in the Solar System](#) [#9054]
- 3:10 p.m. Connelly J. N. \* Bizzarro M. Ivanova M. Krot A. N. [INVITED] (15 Minutes)  
[Towards a New Absolute Chronology for the Early Solar System](#) [#9056]
- 3:30 p.m. Kleine T. \* Burkhardt C. Sprung P. Kruijer T. [INVITED] (15 Minutes)  
[Hafnium-Tungsten Ages of Meteorites](#) [#9138]
- 3:50 p.m. COFFEE BREAK
- 4:10 p.m. Amelin Y. \* Yin Q.-Z. Krot A. N. Bouvier A. Wadhwa M.  
 Kleine T. Nyquist L. E. [INVITED] (15 Minutes)  
[Progress in the Early Solar System Chronology: A Sketch of an Ever-Changing Landscape](#) [#9055]
- 4:30 p.m. Wielandt D. \* Nagashima K. Krot A. N. Huss G. R.  
 Ivanova M. A. Bizzarro M. (10 minutes)  
[Evidence for Multiple Sources of <sup>10</sup>Be in the Early Solar System](#) [#9029]
- 4:45 p.m. Jacobsen B. \* Matzel J. Hutcheon I. D. Krot A. N. Yin Q.-Z. Nagashima K. (10 minutes)  
[Late-Stage Formation of Short-Lived Radionuclides by Solar Energetic Particle Irradiation in the Early Solar System](#) [#9144]
- 5:00 p.m. Lin Y. \* El Goresy A. Boyet M. Feng L. Zhang J. Hao J. (10 minutes)  
[Earliest Solid Condensates Consisting of the Assemblage Oldhamite, Sinoite, Graphite and Excess <sup>36</sup>S in Lawrencite from Almahata Sitta MS-17 EL3 Chondrite Fragment](#) [#9040]
- 5:15 p.m. Mouginiis-Mark P. \*  
*A Tribute to Klaus Keil*
- 5:20 p.m. Taylor G. J. \*  
*Klaus Keil — An Appreciation*

**RECEPTION HONORING KLAUS KEIL**  
**5:30 p.m. Ocean Cove**