

**Thursday, August 16, 2007**  
**MARS ROCKS!**  
**1:30 p.m. Salon F**

**Chairs: M. Grady**  
**J. Jones**

- 1:30 p.m. McSween H. Y. \* Lang N. P. Tornabene L. L.  
*Are SNC Meteorites from Tharsis? [#5067]*
- 1:45 p.m. Blichert-Toft J. \* Bouvier A. Vervoort J. D. Gillet P. Albarède F.  
*Old Shergottites and Young Impact Ages [#5229]*
- 2:00 p.m. Walton E. L. \* Kelley S. P. Herd C. D. K.  
*A Laser Probe  $^{40}\text{Ar}$ - $^{39}\text{Ar}$  Investigation of Two Martian Lherzolitic Shergottites [#5211]*
- 2:15 p.m. Misawa K. \* Yamaguchi A.  
*U-Pb Ages of NWA 856 Baddeleyite [#5228]*
- 2:30 p.m. Jones J. H. \*  
*The Shergottites are Young [#5194]*
- 2:45 p.m. Park J. \* Bogard D. D.  
 *$^{39}\text{Ar}$ - $^{40}\text{Ar}$  'Age' of Basaltic Shergottite NWA-3171 [#5015]*
- 3:00 p.m. BREAK
- 3:15 p.m. Bogard D. D. \* Park J.  
*Excess  $^{40}\text{Ar}$  in the Zagami Shergottite: Does It Reveal Crystallization History? [#5014]*
- 3:30 p.m. Usui T. \* McSween H. Y. Floss C.  
*Cumulus Origin of Olivine Megacrysts in Yamato 980459? [#5056]*
- 3:45 p.m. Mikouchi T. \* Koizumi E.  
*Theoretical Crystallization of a Reduced Shergottite: Applying MELTS to Y980459 [#5294]*
- 4:00 p.m. McKay G. \* Le L. Mikouchi T.  
*Comparison of Synthetic and Natural Nakhlite Pyroxenes: Complexity of Minor Elements [#5314]*
- 4:15 p.m. Grady M. M. \* Anand M. Gilmour M. A. Watson J. Wright I. P.  
*Continuing Investigation of the Nakhlite Magma Pile [#5171]*
- 4:30 p.m. Vicenzi E. P. \* Fries M. Fahey A. Rost D. Greenwood J. P. Steele A.  
*Evidence for Young Jarosite Precipitation on Mars [#5293]*
- 4:45 p.m. Schwenzer S. P. \* Colindres M. Billmeier U. Herrmann S. Ott U.  
*Martian Meteorite Nakhla: Noble Gases in Bulk, Mineral Separates and Etched Bulk [#5187]*