

Monday, July 26, 2010
TOWARD UNDERSTANDING CHONDRULES AND THEIR FORMATION
(DEDICATED TO GERO KURAT)
8:50 a.m. Ballroom

Chairs: **Melissa Morris**
Ian Sanders

- 8:50 a.m. Koeberl C. *
Dedication to Gero Kurat
- 9:00 a.m. Marcus R. A. Fedkin A. V. Grossman L. *
[*Condensation and Evaporation for Thermally Unequilibrated Phases*](#) [#5124]
- 9:15 a.m. Morris M. A. * Desch S. J. Ciesla F. J.
[*A Preliminary Assessment of Chondrule Cooling Rates in Planetesimal Bow Shocks, Including H₂ Recombination*](#) [#5215]
- 9:30 a.m. Hood L. L. * Weidenschilling S. J. Ciesla F. J.
[*Further Tests of the Planetesimal Shock Model for Chondrule Formation*](#) [#5057]
- 9:45 a.m. Wick M. J. * Jones R. H. Morris M. Desch S. J.
[*Formation Conditions of Type I Chondrules: Comparison of Experimentally Determined Cooling Rates with the Shock Wave Model for Chondrule Formation*](#) [#5278]
- 10:00 a.m. Fedkin A. V. * Grossman L. Ciesla F. J.
[*Shock Waves and Type II PO Chondrules*](#) [#5133]
- 10:15 a.m. Chaussidon M. * Villeneuve J. Rollion-Bard C.
[*High Precision O Isotopic Measurements of Mg-rich Olivines from the Allende Meteorite: Constraints on Their Origin*](#) [#5182]
- 10:30 a.m. Villeneuve J. * Chaussidon M. Libourel G.
[*Magnesium Isotopes Constraints on the Origin of Refractory Olivines from the Allende Chondrite: Nebular Versus Planetary?*](#) [#5180]
- 10:45 a.m. Saunders I. S. *
[*Sources of Recycled Planetesimal Debris During the Era of Chondrule Formation*](#) [#5369]
- 11:00 a.m. Morlok A. * Sutton Y. C. Braithwaite N. St. J. Grady M. M.
[*Chondrules Born in Plasma: Laboratory Simulations of Circumstellar Processes*](#) [#5101]
- 11:15 a.m. Teiser J. * Wurm G.
[*Thermographic Studies on Chondrules — Implications for Photophoresis*](#) [#5037]
- 11:30 a.m. Nakashima D. * Kimura M. Yamada K. Noguchi T. Ushikubo T. Kita N. T.
[*Study of Chondrules in CH Chondrites — I: Oxygen Isotope Ratios of Chondrules*](#) [#5288]
- 11:45 a.m. Choi B.-G. * Ziegler K. Wasson J. T. Young E. Itoh S. Yurimoto H.
[*Oxygen Isotope Exchange of Chondrules with Absorbed Oxygen During Brief Melting*](#) [#5198]