

Monday, February 27, 2017
CHRONOLOGY OF CHONDRULE FORMATION
2:00 p.m. Flett Theatre

This session discusses the timescales of chondrule formation.

Chairs: **Maria Schönbächler**
 Richard Ash

- 2:00 p.m. Connelly J. N. * Bollard J. Bizzarro M.
 [U-Pb Chronology of Chondrules](#) [#2025]
 We present a summary and implications of our U-Pb chronometry of chondrules. We find that chondrules began forming contemporaneously with calcium aluminum inclusions and formed for 3.6 Myr.
- 2:30 p.m. Nagashima K. * Kita N. T. Luu T.-H.
 [²⁶Al-²⁶Mg Systematics of Chondrules: Progresses and Issues from the Last Five Years](#) [#2040]
 We summarize the recent progresses and issues made in ²⁶Al-²⁶Mg systematics of chondrules in the last five years.
- 3:00 p.m. Kleine T. * Budde G. Hellmann J. L. Kruijer T. S. Burkhardt C.
 [Tungsten Isotopes and the Age and Origin of Chondrules](#) [#2032]
 The Hf-W chronology of chondrule formation and chondrite accretion, as well as the W isotope complementarity between chondrules and matrix, will be reviewed.
- 3:30 p.m. BREAK
- 4:00 p.m. Bizzarro M. * Connelly J. N.
 [Chondrules — Ubiquitous Chondritic Solids Tracking the Evolution of the Solar Protoplanetary Disk](#) [#2024]
 The only record of our solar system's formation comes from mm- to cm-sized calcium-aluminium-rich inclusions and chondrules. We review the chronology and stable isotopic compositions of chondrules and discuss the evolution of the protoplanetary disk.
- 4:30 p.m. *Discussion on Chronology*