

Friday, July 27, 2018
METEORITE FALLS AND FINDS
9:00 a.m. Blue Room

Chairs: Hasnaa Chennaoui Aoudjehane
Maria Gritsevich

- 9:00 a.m. Ray D. * Shukla A. D.
[*The Mukundpura \(CM2\) Chondrite: A New Carbonaceous Meteorite Fall in India*](#) [#6036]
 Mukundpura (CM2) is the new carbonaceous chondrite fall in India. Alteration escaped a few pristine forsteritic olivine chondrule (often with accretionary rim) and mineral clast. Important for aqueous environment of water-rich asteroid.
- 9:15 a.m. Chennaoui Aoudjehane H. * Garvie L. A. J.
[*Kheneq Ljouâd \(Morocco\): The Unique LL5/6 Meteorite Fall*](#) [#6050]
 Kheneq Ljouâd is the latest meteorite fall in Morocco on July 2017, it's the unique LL5/6 fall known. We present here the fall history and a brief description of the petrography and mineralogy of this meteorite.
- 9:30 a.m. Sliz M. U. * Braucher R. Gattacceca J. Hofmann B. A. Jull A. J. T. Leya I.
 Szidat S. ASTER Team
[*Terrestrial Ages of Meteorites Using in situ C-14 and Be-10 Measurements*](#) [#6297]
 We present the preliminary $^{14}\text{C}/^{10}\text{Be}$ ages of meteorites, using C-14 data determined at the newly installed radiocarbon extraction line at the University of Bern, and Be-10 data measured at the ASTER AMS facility (France).
- 9:45 a.m. Popova O. * Rybnov Yu. Kharlamov V. Ghica D. Borovicka J.
[*Multi-Technique Registration of Romanian Superbolide*](#) [#6233]
 The parameters of meteoroid, created superbolide over Romanian, are estimated by different methods.
- 10:00 a.m. Kruglikov N. A. * Krushinsky V. V. Nazarov S. V. Kutkov O. E. Grokhovsky V. I.
 Borbolin A. D. Kruglikov N. N.
[*Towards Digital Russian Fireball Network for Meteorite Recovery*](#) [#6361]
 Creation of the Russian fireball network in the Ural Federal University was officially announced in early 2016. At the moment, we are developing adaptive self-learning algorithms. We are able to determine a fall area of a fireball within a day.