

Monday, March 16, 1998
IMPACT: THEORY, EXPERIMENTS, AND EFFECTS
Session dedicated to the memory of Paul Barringer
8:30 a.m. Room D

Chairs: J. B. Plescia
E. Pierazzo

Hörz F. See T. H.* Yang V. Mittlefehldt D. W.

Major Element Composition of Ballistically Dispersed Melt Particles from Meteor Crater, AZ

Mittlefehldt D. W.* Hörz F.

Siderophile Element Fractionation in Impact Glasses from Meteor Crater

Schrand C.* Deutsch A.

Formation of Lechatelierite and Impact Melt Glasses in Experimentally Shocked Rocks

Mukhopadhyay S.* Farley K. A. Montanari A. Ahrens T. J.

Extraterrestrial ³He in the Sedimentary Record

Gerasimov M. V.* Dikov Yu. P. Yakovlev O. I. Wlotzka F.

Impact Vaporization: Formation of Clusters?

Herrick R. R.* Forsberg N. K.

The Topography of Oblique Impact Craters on Venus and the Moon

Dahl J. M.* Schultz P. H.

Shock Decay in Oblique Impacts

Barnouin-Jha O. S.* Schultz P. H.

Modeling an Ejecta Curtain in an Atmosphere at Laboratory Scales

Sugita S.* Schultz P. H.

Spectroscopic Observation of Atmospheric Interaction of Impact Vapor Clouds

Nemtchinov I. V. Shuvalov V. V. Artemíeva N. A. Ivanov B. A.* Kosarev I. B. Trubetskaya I. A.

Light Impulse Created by Meteoroids Impacting the Moon

Ryan E. V.* Davis D. R. GIBLIN I.

Experimental Studies of the Fragmentation of Simulated Edgeworth-Kuiper Belt Objects

Nemtchinov I. V.* Popova O. P. Spalding R. E.

Impacts of the 1–10-m-diameter Meteoroids onto the Surface of Mars

Chyba C. F.* van der Vink G. E. HENNET C. B.

Meteorite Impacts and the Comprehensive Test Ban Treaty