

Monday, August 13, 2007
SPECIAL SESSION: ACHIEVEMENTS AND
ADVANCES IN THE STUDY OF COSMOGENIC RADIONUCLIDES
1:20 p.m. Salon G-J

Chairs: R. Reedy
K. Welten

- 1:20 p.m. Nishiizumi K. Reedy R. C. Jull A. J. T. Kohl C. P.
50 Years of Achievement and Advances in Cosmogenic Radionuclides
- 1:30 p.m. Honda M. * Nagai H. Nagao K. Takaoka N. Oura Y.
Irradiation Records of Gibeon Meteorite [#5330]
- 1:45 p.m. Nishiizumi K. Caffee M. W. Taylor S. *
Cosmogenic Radionuclides in Glass Spherules from the South Pole Water Well in Antarctica [#5188]
- 2:00 p.m. Lavielle B. * Gilabert E. Thomas B.
A New Facility for the Determination of Cosmic Ray Exposure Age in Small Extraterrestrial Samples by Using $^8\text{Kr-Kr}$ Dating Method [#5236]
- 2:15 p.m. Lal D. * Jull A. J. T. McHargue L. R. Biddulph D. L. Burr G. S. Freeman S.
In-Depth Studies of ^{14}C , ^{10}Be , ^{36}Cl and ^{26}Al in Three Lunar Soils and One Rock: Implications for Solar-Wind Implantation [#5086]
- 2:30 p.m. Nishiizumi K. * Honda M.
Cosmogenic Iron-60 in Iron Meteorites: Measurements by Low-Level Counting [#5281]
- 2:45 p.m. Berger E. L. Faestermann T. Herzog G. F. * Knie K. Korschinek G. Leya I. Serefiddin F.
Iron-60 Activities of Canyon Diablo, Grant, and Dorofeevka [#5241]
- 3:00 p.m. BREAK
- 3:15 p.m. Vogel N. * Leya I. Ammon K.
Cosmogenic Nuclides in IAB Irons — Exposure Ages and Noble Gas Production in Metal-shielded Silicates [#5218]
- 3:30 p.m. Welten K. C. * Franke L. Ott U. Caffee M. W. Nishiizumi K.
The Complex Exposure History of FRO 97013, a Ureilite with a Very Short Transfer Time from Parent Body to Earth [#5282]
- 3:45 p.m. Reedy R. C. *
Improving the Calculations of Production Rates of Cosmogenic Nuclides [#5141]
- 4:00 p.m. Ammon K. * Leya I.
The Influence of Mineral Inclusions on the Production Rates of Cosmogenic Nuclides in Grant (IIIAB) and Carbo (IID) [#5097]
- 4:15 p.m. Hidaka H. * Bartoschewitz R. Yoneda S.
Irradiation Records of Gas-rich or Brecciated Meteorites Studied from Sm and Gd Isotopic Shifts by Neutron Capture Reactions [#5105]
- 4:30 p.m. Jull A. J. T. * Biddulph D. Zahn D. Cheng L. Burr G. S. McHargue L.
Studies of ^{14}C and ^{10}Be in Iron Meteorites and ^{129}I in Chondrites [#5315]

- 4:45 p.m. Mathew K. J. Lee J.-Y. * Marti K.
Monitoring Cosmic Ray Flux Variations Using ^{129}Xe and ^{131}Xe in Troilite Separates of Iron Meteorites [#5035]
- 5:00 p.m. Heck P. R. Schmitz B. Baur H. Wieler R. *
Cosmogenic and Solar Noble Gases in 470 Ma Fossil Meteorites and Micrometeorites from the L-Chondrite Parent-Body Break-Up [#5027]
- 5:15 p.m. Nakashima D. * Ott U. El Goresy A. Nakamura T.
Heavily Fractionated Noble Gases in an Acid Residue from the KLE98300 EH3 Chondrite [#5093]