

Research Day of Universe Cluster: ^{44}Ti
Thursday, January 15, 2009

- 9:30** From whence doth ye cometh, ^{44}Ti ? (A. Parikh)
- 9:40** Cosmic sources of ^{44}Ti (R. Diehl)
- 9:50** Gamma-ray lines from ^{44}Ti sources: COMPTEL (A. Iyudin)
Gamma-ray lines from ^{44}Ti sources: INTEGRAL (M. Lang)
- 10:10** ^{44}Ti abundance ratio to other cosmic abundances (R. Diehl)
- 10:20** ^{44}Ti traces and measurements in meteorites (P. Hoppe)
- 10:40** *Discussion: "Observations"*
- 11:00** Coffee break
- 11:30** Modeling core-collapse supernovae (A. Marek)
- 11:50** Core collapses and Gamma-Ray Bursts (P. Mazzali)
- 12:10** The nature of the Cas A Supernova (J. Vink)
- 12:30** SNIa as ^{44}Ti Sources? (F. Roepke)
- 12:40** *Discussion: "Models"*
- 13:00** Lunch
- 14:00** Nuclear reaction network calculations (A. Parikh)
- 14:10** Key nuclear reactions (S. Bishop, C. Vockenhuber, G. Rugel, D. Bemmerer)
- 14:50** *Discussion: "Nuclear Physics"*
- 15:10** Future Perspectives: the NARF project (A. Parikh)
- 15:20** Open Discussion Forum