

The Origin of ^{44}Ti - Supernova Interiors

Thursday, 15 January 2009 - Thursday, 15 January 2009

MPE

Scientific Programme

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 SNIa as ^{44}Ti Sources? (F. Roepke)

12:20 Discussion: "Models"

12:40 Lunch

13:40 Nuclear reaction network calculations (A. Parikh)

13:50 Key nuclear reactions (S. Bishop, C. Vockenhuber, G. Rugel, D. Bemmerer)

14:30 Discussion: "Nuclear Physics"

14:50 Future Perspectives: the NARF project (A. Parikh)

15:00 Open Discussion Forum