Microphysics in Computational Relativistic Astrophysics

MICRA 2013
Trento, September 23 - 27, 2013

Main Topics
Neutrino-matter interactions
The role of light nuclei
Heavy elements synthesis in supernovae and mergers
The nuclear equation of state
Neutrino transport methodology

Key speakers include
T. Fischer (GSI), C. Horowitz (Indiana), J. Latimer (Stony Brook), M. Liebendoerfer (Basel),
E. O’Connor (CITA), O. Martinez-Pinedo (Darmstadt/GSI), G. McLaughlin (NCSU), C. Pethick (Niels Bohr Institute),
L. Rezzolla (AEI Potsdam), S. Reddy (JNT, U Washington), A. Schwenk (Darmstadt), M. Shibata (Kyoto),
A. Steiner (JNT, U Washington), F. Thielemann (Basel), C. Volpe (Paris)

Organizers
Christian Ott (California Institute of Technology)
Almudena Arcones (TU Darmstadt)
Filippo Galeazzi (Universidad de Valencia)
H.-Thomas Janka (Max Planck Institute for Astrophysics)

Director of the ECT*: Professor Wolfram Weise (ECT*)

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