MICRA2023 MICROPHYSICS IN COMPUTATIONAL RELATIVISTIC ASTROPHYSICS

WORKSHOP

Trento, 11-15 September 2023

ORGANIZERS

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ABSTRACT

MICRA, which stands for Microphysics In Computational Relativistic Astrophysics, is a workshop focused on improving, discussing, and addressing the microphysics needs of relativistic simulations of astrophysical systems, such as core-collapse supernovae, compact object mergers, and gamma-ray bursts, by bringing together nuclear and neutrino theorists and experimentalists, astrophysicists and computational modelers.

CONFIRMED SPEAKERS

Hiroki **Nagakura** (NAOJ, Japan)
Bronson **Messer** (Oak Ridge National Lab, USA)
Daniel **Siegel** (University of Greifswald, Germany)
Jonah **Miller** (Los Alamos National Lab, USA)
David **Radice** (Penn State University, USA)
Gail **McLaughlin** (North Carolina State University, USA)
Kai **Hebeler** (TU Darmstadt, Germany)
Andrew **Steiner** (Oak Ridge National Lab, USA)
Haakon **Andresen** (Stockholm University, Sweden)
Rebecca **Surman** (Notre Dame University, USA)
Stephan **Rosswog** (Hamburg University, Germany)

to be confirmed
*Jade **Powell** (Swinburne University, Australia)
*Micaela **Oertel** (Observatoire de Paris, France)
*Anna **Watts** (University of Amsterdam, Netherlands)

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Theory Alliance
FACILITY FOR RARE ISOTOPE BEAMS

INFN
Istituto Nazionale di Fisica Nucleare

TIFPA
Trento Institute for Fundamental Physics and Applications

UNIVERSITÀ DI TRENTO
Dipartimento di Fisica

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