

Key Reactions in Nuclear Astrophysics

The workshop aims to examine current state and recent advances in nuclear astrophysics and identify crucial reactions that require assessment of information relevant to the field using stable and Radioactive Ion Beam (RIB) facilities. The workshop will bring together experimentalists and theoreticians studying nuclear reactions, along with physicists engaged in stellar and stellar-explosion modeling as well as in astronomical observations and cosmochemistry. The primary objective is to identify stellar scenarios that necessitate accurate nuclear reaction data, which significantly impact stellar evolution, and determine the most effective methods to obtain such data. The workshop will establish a collaborative framework and encourage joint activities among the participating scientists to facilitate the comparison of reaction studies using different and complementary techniques

Organizers

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Speakers include:

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