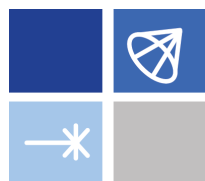


**Joint EMMI / JINA-CEE workshop:
Nuclear Astrophysics at storage rings and recoil separators**

In order to exploit and leverage synergies among each other, and to tighten transatlantic nuclear astrophysics collaborations, JINA-CEE and its partner institution ExtreMe Matter Institute EMMI in Germany are going to hold a joint workshop in 2018. The “Nuclear Astrophysics at storage rings and recoil separators” will be organized by the JINA-CEE member and former postdoc Christoph Langer (University of Frankfurt), together with a transatlantic organizing committee.

The focus of the meeting will be on two complementary techniques for direct reaction studies with charged particles and neutrons with radioactive beams for astrophysical processes: storage rings and recoil separators. The main goal is to identify synergistic connections, lay out and define future common and clearly distinct reaction measurements (e.g. mass regions, different processes, type of reactions, facility restrictions), spot limitations of each method and discuss new initiatives. Vivid discussions on physics and technical issues are highly encouraged to create a mutual understanding of both techniques. Envisioned is a written document summarizing this workshop and formulating common future goals.

The ExtreMe Matter Institute EMMI at the GSI Helmholtz Centre for Heavy Ion Research in Darmstadt is dedicated to research in the area of matter at the extremes of density and temperature, ranging from the coldest to the hottest forms of matter in the Universe. JINA has been a partner institution of EMMI since EMMI was founded in 2008 in the framework of the Helmholtz Alliance 'Cosmic Matter in the Laboratory'.



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