



PHYSICS AND ASTRONOMY SEMINAR

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**“Alchemy in the laboratory – How we bring the stars into the
laboratory”**

Abstract

Every atom in our body and around us originates from radioactive and stable atoms that were produced in the interior of stars billions of years ago. How do we (re)produce and

Dedicated detector setups at so-
been developed to measure the short-
neutron capture (r) process and extract important physical properties like how heavy these