Contribution ID: 32 Type: Invited speaker

## Giant resonances in exotic nuclei

Tuesday, 19 May 2015 11:30 (35 minutes)

Large efforts have been undertaken in the past years in order to develop the experimental tools for an investigation of giant resonances in unstable nuclei. Data are still scarce, but promising results have emerged, in particular concerning the dipole and monopole giant resonances. The interest in studying the multipole response of exotic nuclei is on one hand the nuclear structure aspect concerned with the collective response of neutron-rpoton asymmetric nuclei, where a change is expected towards a softer response, including possibly new modes of excitation related to the excess nucleons. On the other hand, the giant resonances or the multipole response of heavy nuclei in general can be related to nuclear matter properties. Measurements for neutron-proton asymmetric nuclei will be able to constrain parameters of the equation of state for asymmetric nuclear matter, as the giant monopole resonance energy for the incompressibility, and the dipole polarizability for the density dependence of the symmetry energy. I will discuss some recent results and developments.

\*supported by BMBF under contract 05P12RDFN8

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**Session Classification:** Session 6

Track Classification: Physics and Experiments