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Isotopenforschung und Kernphysik

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zum

V E R A - S E M I N A R

von

Concettina Sfienti

Institut für Kernphysik, Johannes Gutenberg-Universität Mainz

The low-energy physics frontier at Mainz: results and perspective

The most recent results and future physics programs of the high precision virtual and real photon experiments at MAMI will be presented. High precision form factor measurements, high-resolution structure studies of few-baryon systems and nuclei, and the innovative way in the search of dark photons illustrate the interplay between such diverse fields as precision atomic physics, nuclear astrophysics and astroparticle physics where hadron physics plays a central and connecting role. New physics opportunities will be provided through the construction of the high intensity MESA accelerator, which will permit a new class of high precision electron scattering experiments.

Donnerstag, 10. Oktober 2013, 16:30 Uhr

1090 Wien, Währinger Str. 17, "Kavalierstrakt", 1. Stock, Victor-Franz-Hess Hörsaal

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