Contribution ID: **90** Type: **Invited/Leading contribution**

Baryon spectroscopy and properties: Measurement of polarization observables in photoproduction of mesons on nuclei

During the last decades, numerous experiments were performed with the aim of understanding meson photoproduction on light and heavy nuclei. Meson production on light nuclei, such as the deuteron or helium isotopes, allows one to access the baryon resonances produced on the nucleon. Photoproduction on heavier targets is well-suited for the understanding of possible modifications of hadrons, including baryon resonances, in the nuclear medium. In this talk, the recent results on polarization observables (measured with linearly or circularly polarized photons) in meson photoproduction on various nuclear targets will be discussed.

Author: Dr SOKHOYAN, Vahe (University of Mainz)

Presenter: Dr SOKHOYAN, Vahe (University of Mainz)

Track Classification: Electromagnetic and weak interactions