



**HEP 2013
Stockholm
18-24 July 2013**



Contribution ID: 332

Type: **Talk presentation**

Advanced nucleon EM structure model and its predictability

Saturday, 20 July 2013 09:00 (20 minutes)

Description of the nucleon electromagnetic structure by advanced Unitary and Analytic approach, respecting SU(3) symmetry and analyzing also the recent Mainz MAMI data with impact on the proton charge radius to be compared with the results from the muon hydrogen atom spectroscopy.

Primary author: ADAMUSCIN, Cyril (Institute of Physics of the Slovak Academy of Sciences)

Co-authors: DUBNICKOVA, Anna Zuzana (Comenius University (SK)); BARTOS, Erik (Institute of Physics of the Slovak Academy of Sciences); DUBNICKA, Stanislav (Institute of Physics)

Presenter: DUBNICKA, Stanislav (Institute of Physics)

Session Classification: Top and Electroweak Physics

Track Classification: Top and Electroweak Physics