



# NSTAR 2022

## martedì 18 ottobre 2022

### Parallel 3: Advances in the modeling of baryon spectrum and structure (14:30 - 16:00)

-Coordinatori: Christian Fisher

time	[id] title	presenter
14:30	[51] (Transition) form factors of baryons	PENA, Teresa
15:00	[9] Exotic Baryons	GIACHINO, Alessandro
15:20	[31] Coherent description of the space and time structure of hadrons	TOMASI-GUSTAFSSON, Egle
15:40	[20] Electromagnetic interaction of baryon resonances in the timelike region studied via the reaction $\pi+N \rightarrow N_e+e^-$	ZÉTÉNYI, Miklós

### Parallel 3: Partial wave analyses and baryon resonance parameter extraction (16:30 - 18:00)

-Coordinatori: Alfred Svarc

time	[id] title	presenter
16:30	[54] AI/ML Tools for analysis of hadron spectroscopy data	BIBRZYCKI, Łukasz
17:00	[117] Data-driven pole determination of overlapping resonances	BINOSI, Daniele
17:20	[32] Scattering amplitude analysis using neural networks	Dr. SOMBILLO, Denny Lane
17:40	[102] Recent results on Compton scattering at MAMI and on extraction of the proton polarizabilities	MORNACCHI, Edoardo

# mercoledì 19 ottobre 2022

## **Parallel 3: Hyperon production with electromagnetic probes (14:30 - 16:00)**

-Coordinatori: Daniel Carman

time	[id] title	presenter
14:30	[18] Development of Coupled-Channel Reaction Models for KY Photo- and Electroproduction	MAI, Maxim
15:00	[17] Overview of hadron photoproduction studies at LEPS/LEPS2	TOKIYASU, Atsushi
15:20	[30] Overview of strangeness photoproduction studies at GlueX	HURCK, Peter
15:40	[80] Differential Cross Section of $\gamma p \rightarrow K^+ \Sigma^0$ at the BGOOD Experiment	GROSS, Johannes

## **Parallel 3: Polarization observables photo- and electro- production of mesons off nucleons (16:30 - 18:00)**

-Coordinatori: William Briscoe

time	[id] title	presenter
16:30	[29] Baryon resonance studies at the LEPS2 BGOegg experiment	TRAN, Nam
17:00	[8] Studying Laws of Nature with Polarisation Observable	BASHKANOV, Mikhail
17:20	[40] Beam asymmetry of the photoproduction of the $\omega$ meson off bound protons in CLAS	CORTES BECERRA, Olga
17:40	[38] Polarisation Observables from Strangeness Photoproduction on a Polarised Target at Jefferson Lab	FEGAN, Stuart

# giovedì 20 ottobre 2022

## Parallel 3: Advances in the modeling of baryon spectrum and structure (17:00 - 18:10)

-Coordinatori: Christian Fischer

time	[id] title	presenter
17:29	[111] Dynamical diquarks in baryon transitions	RAYA, Khepani
17:50	[7] Going to the light-front with contour deformations	FERREIRA, Eduardo