



# Baryons 2022 - International Conference on the Structure of Baryons

## Monday, 7 November 2022

### Parallel session: New Facilities and Instrumentation I (14:30 - 16:00)

time	[id] title	presenter
14:30	[122] Probing CP symmetry with polarised and entangled hyperons	SCHÖNNING, Karin
15:00	[123] Measurement of charm baryon lifetimes at Belle II	DAS, Sanjeeda Bharati
15:20	[124] Heavy quark masses with calibrated uncertainties	MASJUAN QUERALT, Pere
15:40	[125] Search for Hidden Sector New Particles in the 3-60 MeV Mass Range Focusing on the Hypothetical X17 Particle	GASPARIAN, Ashot

### Parallel session: New Facilities and Instrumentation II (16:30 - 18:30)

time	[id] title	presenter
16:30	[126] Investigating the Structure of Matter with the AMBER Experiment	QUINTANS, Catarina
17:00	[127] Baryon resonance studies via meson photoproduction at the LEPS2/BGOegg experiment	HASHIMOTO, Toshikazu
17:20	[128] Experimental access to the three-body forces between hadrons with ALICE	VAZQUEZ DOCE, Oton
17:40	[129] Latest results on hadronic resonance production with ALICE at the LHC	FRAGIACOMO, Enrico
18:00	[130] Accessing the coupled-channels dynamics using femtoscopic correlations with ALICE at LHC	MANTOVANI SARTI, Valentina

# Tuesday, 8 November 2022

## **Parallel session: Hadrons at finite temperature and density I (14:30 - 16:00)**

time	[id] title	presenter
14:30	[154] Mesons, baryons and the phase diagram of QCD	Prof. FISCHER, Christian
15:00	[155] Mesons at finite temperature and density from the FRG	TRIPOLT, Ralf-Arno
15:20	[156] Study of quarkonium in QGP from unquenched lattice QCD	ALI, Sajid
15:40	[157] Chiral spin symmetry and the QCD phase diagram	PHILIPSEN, Owe

## **Parallel session: Hadrons at finite temperature and density II (16:30 - 18:30)**

time	[id] title	presenter
16:30	[158] Hadron properties in nuclear medium (QCD sum rules)	LEE, Su Hounq
17:00	[159] Hadron induced Charmonium production	WOLF, György
17:20	[160] Theory predictions for the J-PARC E16 experiment	Dr GUBLER, Philipp
17:40	[161] Dielectron measurements with the HADES at GSI	OTTO, Jan-Hendrik
18:00	[162] Experimental study of in-medium spectral change of vector mesons in nuclear medium at J-PARC	AOKI, Kazuya

# Wednesday, 9 November 2022

## Parallel session: Structure of Hadrons I (14:30 - 16:00)

time	[id] title	presenter
14:30	[186] Exploring the potential role of diquarks in hadronization using SIDIS on nuclear targets	BROOKS, William King
15:00	[187] Probing the Path-Length Dependence of Parton Energy Loss in Quark-Gluon Plasma	ARLEO, Francois
15:20	[188] Pentaquarks in a Bethe-Salpeter approach	TORRES ROJAS, Luis Raul
15:40	[189] Molecular $\Omega_{cc}$ , $\Omega_{bc}$ and $\Omega_{bb}$ states	Dr FEIJOO, Albert

# Thursday, 10 November 2022

## Parallel session: Structure of Hadrons II (14:30 - 16:00)

time	[id] title	presenter
14:30	[208] Proton's radii overview	BINOSI, Daniele
15:00	[209] Nucleon self-energy including two-loop contributions	CONRAD, Nils Dirk
15:20	[210] The axial-vector form factor of the nucleon from two flavour Lattice QCD ensembles	LUTZ, Matthias F M
15:40	[211] Proton GPDs from Lattice QCD: Fast and Accurate	MUKHERJEE, Swagato

## Parallel session: Structure of Hadrons III (16:30 - 18:30)

time	[id] title	presenter
16:30	[212] Quantum tomography of nucleons, with some focus on TMDs (and PDFs)	Prof. BOGLIONE, mariaelena
17:00	[213] Information entropy in fragmentation functions and their relation to pdfs	LLANES-ESTRADA, Felipe J.
17:20	[214] Hard exclusive reactions beyond DVCS: Compton-like and vector meson production for GPD studies	BOËR, Marie
17:40	[215] Chiral EFT of deltas, nucleons and pions in the presence of external gravitational field	ALHARAZIN, Herzallah H.H.
18:00	[216] Definition of electromagnetic and gravitational local spatial densities	PANTELEEVA, Iuliia