

Session Program

July 30, 2023 to August 4, 2023



25th European Conference on Few-Body Problems in Physics

Monday Parallel Session: NN and Currents (Atrium Maximum)

Alte Mensa, AudiMax
Johann-Joachim-Becher-Weg 3, 55128 Mainz

Mon, July 31

4:45 PM

Monday Parallel Session: NN and Currents (Atrium Maximum)

Session | Location: Alte Mensa, Atrium Maximum | Convener: Kai Hebeler

4:45 – 5:10 PM **Constraining Nuclear Currents for Electroweak Processes**

Speaker
Alex Gnech

5:10 – 5:25 PM **Impact of two-body current on magnetic dipole moments**

Speaker
Takayuki Miyagi

5:25 – 5:40 PM **Nucleon-nucleon interactions in the large- N_c expansion**

Speaker
Matthias Schindler

5:40 – 5:55 PM

Efficient emulator for solving three-nucleon Faddeev equation with contact terms of chiral three-nucleon force at N⁴LO

Speaker
Dr Roman Skibiński

5:55 – 6:10 PM

Exploring non-implausible domain of low-energy constants in delta-full chiral effective field theory with history matching

Speaker
Weiguang Jiang

6:10 – 6:25 PM

Momentum dependent nucleon-nucleon contact interactions and their effect on p - d scattering observables

Speaker
Dr Elena Filandri

6:25 PM