

Session Program

28-30 Sept 2026



32nd Nuclear Physics Workshop 2026

Session 3

D-332

Instytut Fizyki UMCS pl. M. Curie-Skłodowskiej 1 20-031 Lublin

Tuesday 29 September

09:00

Session 3: Tuesday morning

Session | **Location:** D-332, Instytut Fizyki UMCS pl. M. Curie-Skłodowskiej 1 20-031 Lublin

09:00–09:30 **Two avenues to improve nuclear energy density functionals**

Speaker

Gianluca Colò

09:30–10:00

Nucleon Short-Range Correlations and the Equation of State of Dense Matter

Speaker

Bao-Jun Cai

10:00–10:30

Estimating Uncertainties of the Nuclear Mean Field Parameters

Speaker

Irene Dedes

10:30–11:00

Coffee break

11:00–11:30

Recent advances in nuclear inputs for r-process simulations

Speaker

Giuliani Samuel A.

11:30–12:00

Dynamical properties of fission in neutron-rich nuclei relevant to r-process nucleosynthesis

Speaker

Nobuya Nishimura

12:00–12:20

Stochastic Bogoliubov-de Gennes Approach to Nonequilibrium Fermionic Superfluidity

Speaker

Dimitri Lazarou

12:20–12:40

Coefficients of Fractional Parentage with Isospin

Speaker

Algirdas Deveikis

12:40–12:50

The modification of scattering model at non-spherical nuclei by variable of potential

Speaker

Pavel Krassovitskiy

12:50