

29th Nuclear Physics Workshop
26-30 September 2023
Kazimierz Dolny, Poland

Tuesday

19:00-20:00		DINNER
20:00-20:40	T. Domański	Superconductivity in ultrasmall systems
20:40-		WELCOME RECEPTION

Wednesday

08:00-09:00		BREAKFAST
09:00-09:40	P. Ring	Relativistic Brueckner-Hartree-Fock Theory and Applications to Neutron Stars
09:40-10:20	A. Afanasjev	From simple physics cases to the improvement of energy density functionals
10:20-10:50		COFFEE
10:50-11:30	P. Magierski	Selected aspects of pairing dynamics far from equilibrium
11:30-12:10	I. Dedes	Unprecedented Molecular Symmetries in Sub-Atomic Physics: C_{2v} in U-236
12:10-12:50	R. Bernard	Modeling fission within the Time Dependent Coordinate Method
13:00-14:00		LUNCH
16:00-16:40	X. Guan	Impact of Pairing Interactions on Actinide Fission
16:40-17:10		COFFEE
17:10-17:50	L. Liu	Study of fission dynamics at low excitation energies with the Langevin approach
17:50-18:10	A. Zdeb	Pairing in fission
18:10-18:30	J. Marin-Blanco	Spontaneous fission of actinide and super-heavy elements
19:00-20:00		DINNER

Thursday

08:00-09:00		BREAKFAST
09:00-09:40	F. Ivanyuk	The 5-dimensional Langevin approach to fission of heavy nuclei
09:40-10:20	K. Pomorski	Fourier-over-Spheroid shape parametrization applied to nuclear fission dynamics
10:20-10:50		COFFEE
10:50-11:30	T. Wada	Study of Fission Dynamics by 5D Langevin Equation with Cassini Shape Parameterization
11:30-12:10	J. Skalski	K - isomers in Superheavy Nuclei & Genuine Tripartition Problem
12:10-12:30	M. Warda	Where is scission point in nuclear fission?
13:00-14:00		LUNCH
16:00-16:40	I. Mardor	Nuclear structure studies far from stability with the FRS Ion Catcher
16:40-17:10		COFFEE
17:10-17:30	Y. Kehat	First results of Cf-252 isotopic fission yield measurements at the FRS Ion Catcher
17:30-17:50	L. Csige	Experimental results on the fission barrier topology of Np-238
17:50-18:10	A. Staszczak	Nuclear topological isomers in nuclei around $Z \approx 132$
19:00-20:00		DINNER

Friday

08:00-09:00

BREAKFAST

09:00-09:40

C. Petrache

Different manifestations of oblate rotation in nuclei

09:40-10:20

Z. Xiao

Experimental studies on the isospin dynamics in heavy ion reactions

10:20-10:50

COFFEE

10:50-11:30

M. Kortelainen

Nuclear Schiff moment calculated from linear response theory

11:30-12:10

J. Kvasil

Toroidal electric dipole mode in nuclei

13:00-14:00

LUNCH

16:00-16:40

Y. Chen

Progress in experiment, theory and evaluation of fission yield at CNDC

16:40-17:10

COFFEE

17:10-17:30

P. Krassovitskiy

The calculation of the Be-11 excited states and scattering in the new rotation model

17:30-17:50

H. Donglo

Study of Reaction Mechanisms for the synthesis of Super-Heavy Elements

17:50-18:10

A. Gózdź

Quantum Time and Nuclear Physics

20:00-23:00

CONFERENCE DINNER

Saturday

08:00-09:00

BREAKFAST