

**PROGRAM of the COPIGAL Mini-Workshop
16-17 January 2020**

Scientific Center of the Polish Academy of Sciences in Paris, 74 rue Lauriston, 75116, Paris

Thursday, January 16

14:00 – 14:10 **Welcome** Marek Lewitowicz, Bogdan Fornal

Session I

Chairperson: Navin Alahari

14:10 – 16:10

1. Krzysztof Rusek, *“Structure of light exotic nuclei and halo nuclei – Coupled reaction channel studies for the investigation of shell effects via transfer reactions”* (25)
2. Jacek Okołowicz, Marek Płoszajczak *“Theory of exotic nuclei”* (25)
3. Paweł Napiorkowski *“Nuclear deformation in excited states”* (25)
4. Jonathan Wilson *“Results and future plans with nuBALL2 within the COPIGAL collaboration framework”* (25)
5. Michał Ciemąła *“Highly excited exotic nuclei probed by the GDR gamma decay and discrete gamma spectroscopy”* (20)

16:10 – 16:40 Coffee break

Session II

Chairperson: Angela Bracco

16:40 – 18:40

1. Adam Maj *“PARIS”* (25)
2. Marek Lewitowicz *“PARIS for studies of fission with VAMOS”* (25)
3. Marcin Palacz, Gilles de France *“Nuclear structure close to $N=Z=50$ ”* (25)
4. Michał Kowal *„Extra stable high-K states in SH nuclei”* (25)
5. Dieter Ackermann, Adam Maj, Piotr Bednarczyk *“Prompt-gamma spectroscopy of heavy and superheavy nuclei”* (20)

19:30 SOCIAL DINNER

Friday, January 17

Session III

Chairperson: Gilles de France

09:00 – 10:30

1. Tomasz Kozik *“FAZIA/INDRA: Symmetry energy and in medium effects “ (25)*
2. Katarzyna Mazurek *“Fission dynamics within state-of-the-art Langevin approach” (25)*
3. Maria Kmiecik *“Nuclear physics experiments at the proton therapy centre CCB of IFJ PAN - experimental setup and first results of collective excitations studies. (20)*
4. Bogdan Fornal *“Gamma-ray spectroscopy studies of neutron-rich light nuclei at GANIL and CCB IFJ PAN” (20)*

10:30 – 11:00 Coffee break

Session II

Chairperson: Adam Maj

11:00 – 11:45

1. Marek Lewitowicz *„Thick-target neutron yields for proton therapy” (25)*
2. Piotr Bednarczyk *“Investigations of the highly collective bands in the mid-mass nuclei” (20)*

Conclusions and Perspectives: Marek Lewitowicz, Bogdan Fornal

12:30 – 14:00 Lunch