COPIGAL Projects 2025

1. Nuclear structure close to the N=Z line
   M. Palacz, G. de France

2. Nuclear deformation in excited states Superdeformation at low spins
   K. Hadyńska-Klęk, E. Clement

3. Nuclear deformation in excited states : Shape coexistence in A~100 nuclei
   K. Wrzosek-Lipska, M. Zielińska

4. Physics and instrumentation development with FAZIA
   K. Mazurek, N. Le Neindre

5. Physics and instrumentation development with PARIS
   A. Maj, M. Lewitowicz

6. PARIS for studies of fission with VAMOS
   M. Ciemała, Ch. Schmitt

7. PARIS for GDR and highly excites states studies at CCB IFJ PAN and at GANIL
   M. Kmiecik, J.N. Wilson

8. Development of the PARIS array
   A. Maj, M. Lewitowicz

9. Measurements of electromagnetic moments of isomeric states
   N. Cieplicka-Oryńczak, G. Georgiev

10. Fission dynamics within state-of-the-art Langevin approach
    K. Mazurek, Ch. Schmitt

11. Gamma-ray spectroscopy studies of neutron-rich light nuclei at GANIL and CCB IFJ PAN
    M. Ciemała, E. Clement

12. Predictions for the synthesis cross-sections of Z=114–120 elements
    M. Kowal, D. Boilley

13. Isomers and giant resonances built on isomers: theory predictions and experimental research
    A.Maj, B.Fornal, J.Dudek

14. (Prompt)-gamma spectroscopy of heavy and superheavy nuclei
    P. Bednarczyk, A. Maj, D. Ackermann

15. K Isomers in Heavy Nuclei: Exploring Properties and Creation Possibilities
    M. Kowal, D. Ackermann