

triaxiality and mass asymmetry.

F. Expected Outputs

Full set of nuclear data for fission cross section calculations from macroscopic - microscopic approach for actinide nuclei, including odd and odd-odd systems. We are going to collect the following data: nuclear masses, deformations, shell and pairing energies at global and local minima as well as at all competing saddle points.

Please note that as a condition of an IAEA Research Agreement, all information, data and research results gathered during the course of the CRP are made freely available to other participants and other relevant authorized parties.

9. PLEASE LIST FACILITIES (building, equipment - including type and name of manufacturer, and materials) PRESENTLY AVAILABLE WHICH WOULD BE USED FOR THE PROJECT

Advanced computing resources will be provided by the Swierk Computing Centre (CIS) at the National Centre for Nuclear Research (NCBJ) (<http://www.cis.gov.pl>).

10. PROPOSED COMMENCEMENT DATE: 2017-03-10

11. SIGNATURES

CHIEF SCIENTIFIC INVESTIGATOR

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KOWAL MICHAL

Signature

Date

20.03.2017

HEAD OF INSTITUTE

**Zastępca Dyrektora
Narodowego Centrum Badań Jądrowych
ds. Innowacji i Wdrożeń**

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