

CHANDA European program:
toward a network of laboratories for preparation and characterization of targets.
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CHANDA is a European program which has begun in 2013, December. Its main objective is to address the challenges in the field of nuclear data for nuclear applications and its acronym stands for solving CHALLENGES in Nuclear DATA.

One of these challenges is the availability of targets, especially radioactive ones. Indeed, besides the fact that reaction targets are one of the keys to the success of an experiment, the availability of increased neutrons fluxes leads to the possibility to use targets with very small amount of matter, and then, to be able to measure highly radioactive isotopes.

In this frame, a work-package of CHANDA is dedicated to the coordination of the development of a network for nuclear target preparation and characterization. One of its objectives is to propose a network structure able to coordinate and share the existing know-how and to pool expensive equipment in order to be better able to meet the needs of physicists in the field of nuclear data.

CNRS (France) coordinates this work-package.

A summary of the work to be done will be presented and some way to associate INTDS to this program will be proposed.