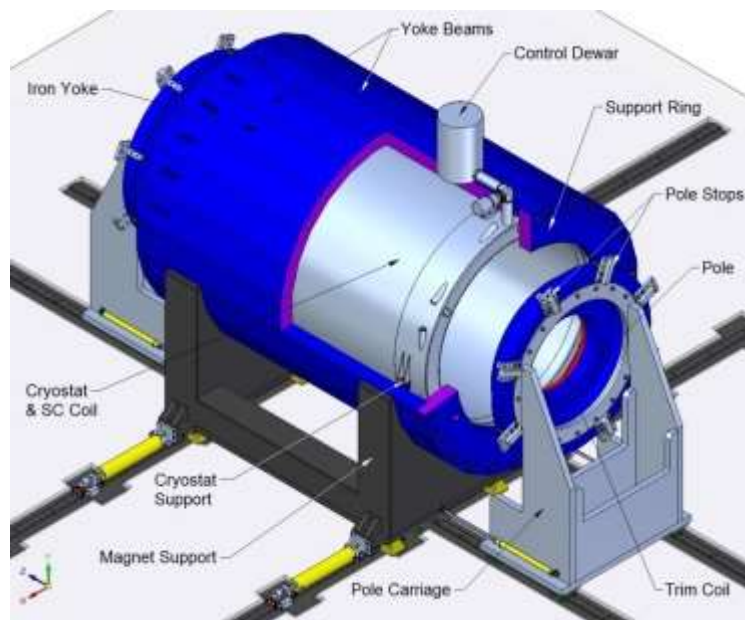


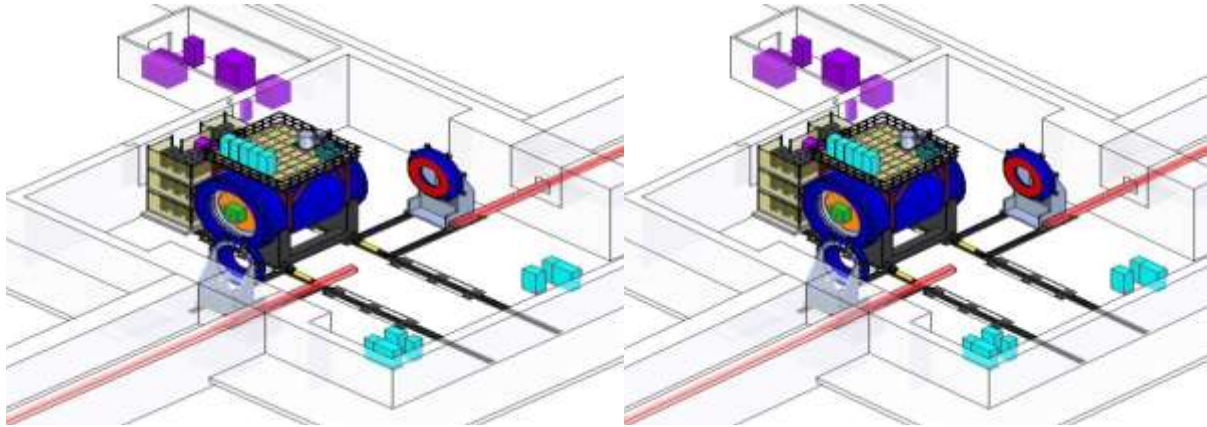
The Project of the Joint Institute of Nuclear Research

Carried out at Georgian Technical University

On the basis of the agreement signed between Joint Institute of Nuclear Research (city Dubna) and Georgian technical University JINK N 130-2016-2 **scientific design for calculation and design of multi-profile detectors transportation system was performed**; the aim of the work was to construct 1000 t. detector and to carry it from the construction zone to 28 meter distance in the working position with the beam collision, with 0.5 mm matching error. Besides the above mentioned factors, while the detector carrying the two 100 t. poles should be installed on it. The solution of the tasks was made through the usage of controlled hydromechanic gearing system, for this purpose the original construction junctions of hydromechanics gearing system and the controlling system for carrying the detector and its poles was drafted by the scientists of Georgian technical University. The scientific-research activities performed completely met the requirements of the customer.



Multi-profile detector and poles



Carrying of the detector from construction-preparing zone to the working zone