

## The facility for neutron radiography and tomography at the research reactor WWR-K

*Tuesday, 16 April 2019 17:00 (2 hours)*

At the research reactor VVR-K (Institute of nuclear physics, Ministry of energy, Almaty, Kazakhstan) began work on the creation of a new experimental facility for research using neutron radiography and tomography methods. It is planned to form a neutron beam with a cross section of 200x200 mm, with the characteristic parameter L/D equal to 140-1400, using a vacuum collimator system. To obtain neutron radiographic images, a specially designed detector system based on the  ${}^6\text{LiF}/\text{ZnS}$  scintillation screen and a high-resolution high-sensitivity video camera with a mirror will be used. To protect the camera from radiation it is proposed to use two mirror optical system. This report will present the schematic diagram and description of the main components of the experimental setup.

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**Session Classification:** Poster session