

## Identification of radionuclides using energy spectra of xenon gamma-ray spectrometer

*Friday, 14 October 2016 15:15 (30)*

Software for identification of radionuclides using energy spectra of xenon gamma-ray spectrometer was developed. Software includes the gamma-ray library and allows performing the qualitative and quantitative isotopes analysis of gamma-ray spectra.

**Primary author(s) :** Dr. CHERNYSHEVA, Irina (NRNU MEPhI)

**Co-author(s) :** Mr. NOVIKOV, Alexander (NRNU MEPhI); Mr. SHUSTOV, Alexander (NRNU MEPhI); Mr. PETRENKO, Denis (NRNU MEPhI); Dr. VLASIK, Konstantin (NRNU MEPhI); Prof. ULIN, Sergey (NRNU MEPhI); Prof. DMITRENKO, Valery (NRNU MEPhI); Dr. GRACHEV, Viktor (NRNU MEPhI); Dr. UTESHEV, Ziyaetdin (NRNU MEPhI)

**Presenter(s) :** Dr. CHERNYSHEVA, Irina (NRNU MEPhI)

**Session Classification :** Poster session - VI

**Track Classification :** Methods of experimental physics