

## **Multilayer diamond detectors with increased sensitivity to beta-radiation**

*Tuesday, 11 October 2016 15:15 (30)*

Multilayer diamond detectors of ionizing radiation were developed. Mathematical modeling and experimental research of detector output signal when exposed to beta radiation was made. Found an increase in the signal/noise ratio in the registration of beta radiation as compared to single-layer detectors.

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**Session Classification :** Poster session - II

**Track Classification :** Methods of experimental physics