



Contribution ID: 11

Type: **not specified**

## **Development of a versatile TPC for neutron-induced reactions studies at the SARAF TOF facility.**

*Thursday 14 December 2023 16:00 (30 minutes)*

We present the research plans on the development an Optical Time Projection Chamber (O-TPC) - a multi-purpose gaseous radiation-detector system, as part of the SARAF infrastructure. SARAF Phase II accelerator will provide unique capabilities for neutron-induced reactions, offering intense primary beams for high neutron flux, and tunable neutron energy.

**Primary author:** Dr BORYSOVA, Maryna (Weizmann Institute of Science & KINR, NAS of Ukraine)

**Presenter:** Dr BORYSOVA, Maryna (Weizmann Institute of Science & KINR, NAS of Ukraine)