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

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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.

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