

## **New NEAR irradiation station at n\_TOF: design, implementation and first results**

*Wednesday 2 March 2022 14:15 (15 minutes)*

A new irradiation station has been built and commissioned at CERN's n\_ToF facility, enabling new types of neutron-dominated irradiations and activation studies. The irradiation setup is radiation tolerant and is handled remotely to reduce dose to operators. Pilot irradiations of commercial lubricants and O-ring materials started in July 2021, and recently concluded successfully, in compliance with RP requirements.

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**Session Classification:** Research and Development