



Contribution ID: 27

Type: **poster**

# Microtron M-5 at Tomsk Polytechnic University

*Monday, 9 September 2024 18:30 (1 hour)*

Accelerators of charged particles are powerful tools used in many fundamental researches and applied tasks. Compact accelerators are currently widely employed for pretesting and proof-of-principle experiments for MegaScience projects, as well as for applied purposes. In particular, electron accelerators allowing generating of few MeV beams are used for testing of different techniques of beam diagnostics, radiation exposure experiments etc. In this work, we present the detailed technical report of Microtron M-5 at Tomsk Polytechnic University after major upgrade, and scope and current status of experimental studies.

**Primary authors:** POTYLITSYN, Alexander (IAPP, Armenia); GOGOLEV, Alexey (Tomsk polytechnic university); VUKOLOV, Artem (Tomsk Polytechnic University, Lenin Ave. 30, Tomsk 634050, Russia); SHKITOV, Dmitry (National Research Tomsk Polytechnic University); NAUMENKO, Gennady (Tomsk Polytechnic University); SHEVELEV, Mikhail (Tomsk Polytechnic University); UGLOV, Sergey (Tomsk Polytechnic University); CHEREPENNIKOV, Yury

**Presenters:** SHEVELEV, Mikhail (Tomsk Polytechnic University); CHEREPENNIKOV, Yury

**Session Classification:** Poster Session 1