



Contribution ID: 61 Contribution code: WEP51

Type: **Poster Presentation**

## New graphical application for high-level synchrotron control with particular emphasis on the correction module

*Wednesday, 11 September 2024 14:20 (1h 30m)*

SOLARIS, as a big-science facility, is obliged to provide the best possible conditions for conducting research. Due to the complex nature of synchrotron subsystems, we have met our needs and created the most convenient control system possible. The result of our work is a new graphical application for operators offering high level control over the most crucial subsystems of the synchrotron during beam injection and ramping. Moreover operator has now possibility to manage newly implemented mechanism for beam correction at one place. Application was developed in Python based on Tango Controls framework and PyQt library.

### Footnotes

### Funding Agency

### I have read and accept the Privacy Policy Statement

Yes

**Primary author:** MLECZKO, Maciej (National Synchrotron Radiation Centre)

**Co-authors:** BEYER, Edyta (National Synchrotron Radiation Centre); FLORAS, Mateusz (National Synchrotron Radiation Centre); ANDRYSZCZAK, Piotr (National Synchrotron Radiation Centre); WIATROWSKA, Wiktoria (National Synchrotron Radiation Centre)

**Presenter:** MLECZKO, Maciej (National Synchrotron Radiation Centre)

**Session Classification:** WEP: Wednesday Poster Session

**Track Classification:** MC7: Data Acquisition and Processing Platforms