

# Machine-learning-assisted beam tuning at FRIB

*Thursday 29 August 2024 09:30 (20 minutes)*

Facility for Rare Isotope Beams (FRIB) requires diverse primary ion species beams to produce rare isotopes. The beam tuning time can be reduced by employing Machine Learning (ML) techniques. In this presentation, we aim to explore practical perspectives on shortening beam tuning time. Specifically, we discuss customization of Bayesian Optimization for maximum beam time utilization, and virtual diagnostics that are currently under development.

## Footnotes

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**Primary author:** HWANG, Kilean (Facility for Rare Isotope Beams)

**Co-authors:** PLASTUN, Alexander (Facility for Rare Isotope Beams, Michigan State University); FUKUSHIMA, Kei (Facility for Rare Isotope Beams, Michigan State University); OSTROUMOV, Peter (Facility for Rare Isotope Beams, Michigan State University); ZHAO, Qiang (Michigan State University); MARUTA, Tomofumi (Facility for Rare Isotope Beams, Michigan State University); ZHANG, Tong (Facility for Rare Isotope Beams, Michigan State University)

**Presenter:** HWANG, Kilean (Facility for Rare Isotope Beams)

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