



# 20th International Conference on Electromagnetic Isotope Separators and Related Topics (EMISXX)

## Thursday, 23 October 2025

### Machine Learning & AI - MacDonald AB (13:00 - 14:40)

-Conveners: Oliver Kester

| time  | [id] title   | presenter              |
|-------|--|------------------------|
| 13:00 | [16] Model coupled beam tuning and Bayesian optimization of rare isotope beam transport to the DRAGON experiment at TRIUMF                 | HASSAN, Omar           |
| 13:30 | [87] Bayesian optimization applied to simultaneous tuning of the ion source and transport beamline of an Isotope Separator On-line system. | RAMOS GARCES, Santiago |
| 13:50 | [115] Automated RI beam focusing and centering for BigRIPS Separator   | SHIMIZU, Yohei         |
| 14:10 | [160] Development of automatic beam tuning system for high intensity heavy ion beams at RIBF   | NISHI, Takahiro        |