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Contribution ID: 480

Type: Oral (Non-Student) / Orale (non-étudiant(e))

## In source laser resonance ionization spectroscopy of radioactive isotopes

*Monday, 7 June 2021 16:55 (4 minutes)*

Laser resonance ionization (mass) spectroscopy in a hot cavity environment is an ultra-sensitive means for laser spectroscopy of short-lived isotopes. Despite the non-Doppler free nature of hot cavity, in source spectroscopy, this method allows to determine atomic energy levels and through Rydberg series convergence the determination of the first ionization potential. An overview of the ongoing in-source spectroscopy program with radioactive isotopes at TRIUMF - Canada's particle accelerator laboratory will be given.

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**Session Classification:** M4-1 Optical spectroscopy (DAMOPEC) / Spectroscopie optique (DPAMPC)

**Track Classification:** Atomic, Molecular and Optical Physics, Canada / Physique atomique, moléculaire et photonique, Canada (DAMOPEC-DPAMPC)