

**CARLETON UNIVERSITY**

**Department of Mechanical and Aerospace Engineering**

**MASTER'S THESIS EXAMINATION**

**CANDIDATE:** *Alexander Gmerek*

**DATE:** *Monday January 15, 2024, 14:00 Video Conference*

**THESIS TITLE:** *A Tunable Diode Laser Absorption Spectrometer for the Detection of Volatile Compounds in Lunar Regolith*

**EXAMINATION BOARD:**

<b>Member of Joint Institute</b>	Raphael St-Gelais, Mechanical Engineering - University of Ottawa	(Video Conference)
<b>Member of Department</b>	Matthew Johnson, Mechanical & Aerospace Engineering	(Video Conference)
<b>Thesis Supervisor</b>	Alex Ellery, Mechanical & Aerospace Engineering	(Video Conference)
<b>Thesis Co-Supervisor</b>	Ed Cloutis, University of Winnipeg	(Video Conference)
<b>Chair of Defence</b>	Jurek Sasiadek, Mechanical & Aerospace Engineering	(Video Conference)
<b>Chair/Director of Department or Designate</b>	Ron Miller	(Ex-officio)
<b>Dean of Faculty</b>	Larry Kostiuk	(Ex-officio)
<b>Dean, Faculty of Graduate and Postdoctoral Affairs</b>	Patrice Smith	(Ex-officio)