

**CARLETON UNIVERSITY**

**Department of Mechanical and Aerospace Engineering**

**MASTER'S THESIS EXAMINATION**

**CANDIDATE:** *Patrick Shorey*

**DATE:** *Wednesday August 28, 2024, 10:00 4124 Mackenzie Building*

**THESIS TITLE:** *How regional climate and energy infrastructure affect the deployment of liquid-solvent Direct Air Capture: predictions from an open-source model*

**EXAMINATION BOARD:**

<b>Internal Examiner</b>	Amir Hakami, Civil & Environmental Engineering	(In Person)
<b>Member of Department</b>	Cynthia Cruickshank, Mechanical & Aerospace Engineering	(In Person)
<b>Thesis Supervisor</b>	Ahmed Abdulla, Mechanical & Aerospace Engineering	(In Person)
<b>Chair of Defence</b>	Hanspeter Frei, Mechanical & Aerospace Engineering	(In Person)
<b>Chair/Director of Department or Designate</b>	Edgar Matida	(Ex-officio)
<b>Dean of Faculty</b>	Larry Kostiuk	(Ex-officio)
<b>Vice-Provost, Graduate Studies</b>	Patrice Smith	(Ex-officio)