

**CARLETON UNIVERSITY**  
**Sustainable Energy and Policy Unit**  
**MASTER'S THESIS EXAMINATION**

**CANDIDATE:** *Matthew Newport*  
*B. Applied Science, Univ of Waterloo, 2023*

**DATE:** *Wednesday April 22, 2026, 11:00 3324 Mackenzie Building*

**THESIS TITLE:** *Design and numerical analysis of a small-scale Scheffler solar concentrator system for off-grid residential heating applications*

**EXAMINATION BOARD:**

<b>Internal Examiner</b>	Elie Azar, Civil & Environmental Engineering	(In Person)
<b>Member of Department</b>	David MacPhee, Mechanical & Aerospace Engineering	(In Person)
<b>Thesis Supervisor</b>	Jean Duquette, Mechanical & Aerospace Engineering	(In Person)
<b>Chair of Defence</b>	Ahmed Abdulla, Mechanical & Aerospace Engineering	(In Person)
<b>Chair/Director of Department or Designate</b>	Edgar Matida	(Ex-officio)
<b>Dean of Faculty</b>	Ron Miller	(Ex-officio)
<b>Vice-Provost, Graduate Studies</b>	Nadeem Siddiqi	(Ex-officio)