

**CARLETON UNIVERSITY**  
**Department of Mechanical and Aerospace Engineering**  
**MASTER'S THESIS EXAMINATION**

*CANDIDATE:*            *Nicholas Ogrodnik*

*DATE:*                *Tuesday September 22, 2020, 13:00 Video Conference*

*THESIS TITLE:*        *Pressurized Metered-Dose (pMDI) Aerosol Spray Deposition in Large- and Medium-Volume Spacers*

**EXAMINATION BOARD:**

<b>Internal Examiner</b>	George Hadjisophocleous, Civil & Environmental Engineering	(Video Conference)
<b>Member of Department</b>	Tarik Kaya, Mechanical & Aerospace Engineering	(Video Conference)
<b>Member of Joint Institute</b>	Marianne Fenech, Mechanical Engineering - University of Ottawa	(Video Conference)
<b>Thesis Supervisor</b>	Edgar Matida, Mechanical & Aerospace Engineering	(Video Conference)
<b>Chair of Defence</b>	Xiao Huang, Mechanical & Aerospace Engineering	(Video Conference)
<b>Chair/Director of Department or Designate</b>	Ronald Miller	(Ex-officio)
<b>Dean of Faculty</b>	Larry Kostiuk	(Ex-officio)
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**Ronald Miller, Chair/Director of Department or Designate**  
**Department of Mechanical and Aerospace Engineering**