

**CARLETON UNIVERSITY**

**Department of Mechanical and Aerospace Engineering**

**MASTER'S THESIS EXAMINATION**

**CANDIDATE:** *Ariane Parisien*  
*Bachelor of Science (Honours), Univ of Ottawa, 2019*

**DATE:** *Thursday September 09, 2021, 13:00 Video Conference*

**THESIS TITLE:** *Characterization and Design Optimization of Periodic Cellular Solids for Optimal Bone Ingrowth in Osseointegration Implants.*

**EXAMINATION BOARD:**

<b>Member of Department</b>	Andrew Speirs, Mechanical & Aerospace Engineering	(Video Conference)
<b>Member of Joint Institute</b>	Arnaud Weck, Mechanical Engineering - University of Ottawa	(Video Conference)
<b>Thesis Supervisor</b>	Mostafa El Sayed, Mechanical & Aerospace Engineering	(Video Conference)
<b>Thesis Co-Supervisor</b>	Hanspeter Frei, Mechanical & Aerospace Engineering	(Video Conference)
<b>Chair of Defence</b>	Jie Liu, Mechanical & Aerospace Engineering	(Video Conference)
<b>Chair/Director of Department or Designate</b>	Ronald Miller	(Ex-officio)
<b>Dean of Faculty</b>	Larry Kostiuik	(Ex-officio)
<b>Dean, Faculty of Graduate and Postdoctoral Affairs</b>	Patrice Smith	(Ex-officio)

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**Ronald Miller, Chair/Director of Department or Designate**  
**Department of Mechanical and Aerospace Engineering**