

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

**CANDIDATE:** Soraya Mareishi  
Bachelor of Engineering, Iran Univ of Sci & Tech, 2010

**DATE:** Friday August 24, 2018, 1000 3124 Mackenzie Bldg.

**THESIS TITLE:** Design Optimization of Dental Implants Using Additively Manufactured Lattice Materials

**EXAMINATION BOARD:**

**Internal Examiner** Jeffrey Erochko, Civil & Environmental Engineering (In Person)

**Member of Department** Jeremy Laliberte, Mechanical & Aerospace Engineering (In Person)

**Member of Joint Institute** Michel Labrosse, University of Ottawa, Mechanical Department (In Person)

**Thesis Supervisor** Mostafa El Sayed, Mechanical & Aerospace Engineering (In Person)

**Thesis Co-Supervisor** Fred Afagh, Mechanical & Aerospace Engineering (In Person)

**Chair/Director of Department or Designate** Ron Miller (Ex-officio)

**Dean of Faculty** Fred Afagh (Ex-officio)

**Dean, Faculty of Graduate and Postdoctoral Affairs** Matthias Neufang (Ex-officio)

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