

CARLETON UNIVERSITY
Department of Mechanical and Aerospace Engineering
PhD Comprehensive Exam and Thesis Proposal Defense

CANDIDATE: Abdurrazag Elaskri

DATE: Monday, January 13, 2020, 1:00 p.m. Room 3124, Mackenzie Building

THESIS TITLE: **Developing Techniques to 3D Print Electric Motors for Self-Replicating Machines**

EXAMINATION BOARD:

Member of Department A. Kabir, Dept. of Mechanical & Aerospace Engineering

Member of Department M. El Sayed, Dept. of Mechanical & Aerospace Engineering

Co-Supervisor

Thesis Supervisor A. Ellery, Dept. of Mechanical & Aerospace Engineering

Chair of Department R. Miller, Chair, Dept. of Mechanical & Aerospace Engineering (*Ex-officio*)

Dean of Faculty L. Kostiuk, Dean, Faculty of Engineering (*Ex-officio*)

Dean, Faculty of Graduate & Postdoctoral Affairs P. Smith, Dean, Faculty of Graduate Studies and Research (*Ex-officio*)



Andrei Artemev Associate Chair, Graduate
Department of Mechanical & Aerospace Engineering