## **CARLETON UNIVERSITY**

## Department of Mechanical and Aerospace Engineering MASTER'S THESIS EXAMINATION

CANDIDATE: Ayesh Sudasinghe

Bachelor of Engineering, Carleton University, 2018

DATE: Friday January 22, 2021, 16:00 Video Conference

THESIS TITLE: Multi-Objective Shape Optimization of a Boundary Layer Ingesting Engine Intake

## **EXAMINATION BOARD:**

Internal Examiner George Hadjisophocleous, Civil & Environmental (Video Conference)

Engineering

Member of Department Tarik Kaya, Mechanical & Aerospace Engineering (Video Conference)

Member of Joint Institute James McDonald, Mechanical Engineering - (Video Conference)

University of Ottawa

**Thesis Supervisor** Edgar Matida, Mechanical & Aerospace (Video Conference)

Engineering

Thesis Co-Supervisor Hamza Abo El Ella, Mechanical & Aerospace (Video Conference)

Engineering

Chair of Defence Xiao Huang, Mechanical & Aerospace Engineering (Video Conference)

Chair/Director of Department

or Designate

Ronald Miller (Ex-officio)

(Ex-officio)

Dean of Faculty Larry Kostiuk (Ex-officio)

Dean, Faculty of Graduate and Patrice Smith

**Postdoctoral Affairs** 

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