## **CARLETON UNIVERSITY**

# **Department of Mechanical and Aerospace Engineering**

## **MASTER'S THESIS EXAMINATION**

### **REVISED**

CANDIDATE:

Alexander Crain

Bachelor of Engineering, Carleton University, 2016

DATE:

Tuesday April 24, 2018, 13:00 3124 Mackenzie Building

THESIS TITLE:

Optimal Trajectory Planning and Compliant Spacecraft Capture Using a Space Robot

#### **EXAMINATION BOARD:**

Internal Examiner

Hicham Chaoui, Department of Electronics

(In Person)

**Member of Department** 

Robert Langlois, Department of Mechanical &

(In Person)

Aerospace Engineering

**Member of Joint Institute** 

Davide Spinello, Univeristy of Ottawa

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**Thesis Supervisor** 

Steve Ulrich, Department of Mechanical &

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**Chair/Director of Department** 

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Ronald Miller, Department of Mechanical &

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**Dean of Faculty** 

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