

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

**CANDIDATE:** Divya Rao Ashok Kumar

**DATE:** Monday, May 2, 2022, 12:00 p.m. via Video Conference

**THESIS TITLE:** **Nonlinear Generalized Predictive Control for Spacecraft Formation Flying under Parametric Uncertainties**

**EXAMINATION BOARD:**

**Member of Department** R. Chhabra, Dept. of Mechanical & Aerospace Engineering

**Member of Department** J. Sasiadek, Dept. of Mechanical & Aerospace Engineering

**Chair of Defence**

**Thesis Supervisor** S. Ulrich, 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*)

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Jason Etele, Associate Chair, Graduate  
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