

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

**CANDIDATE:** Olivia Chamberland

**DATE:** Monday, January 13, 2025, 1:00pm Room 3324 Mackenzie Building & Video Conference

**THESIS TITLE:** **Neural Networks for Structural Health Monitoring of Composite Aerospace Structures**

**EXAMINATION BOARD:**

**Member of Department** X. Wang, Dept. of Mechanical & Aerospace Engineering

**Member of Department** A. Harris, Dept. of Mechanical & Aerospace Engineering

**Co-Supervisor** C. Li, Dept. of Mechanical & Aerospace Engineering

**Co-Supervisor** S. Bishop, School of Engineering – Acadia University

**Co-Supervisor** J. Laliberte, Dept. of Mechanical & Aerospace Engineering

**Chair of Defence** J. Hayes, Dept. of Mechanical & Aerospace Engineering

**Chair of Department** E. Matida, 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** D. Siddiqi, Vice Provost Graduate Studies and Research (*Ex-officio*)

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Abu Kabir Associate Chair, Graduate  
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