

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

**CANDIDATE:** Farzad Roozitalab

**DATE:** Wednesday August 30, 2023, 9:00 a.m. Room 4124, Mackenzie Building/Video Conference

**THESIS TITLE:** **Physics-informed deep learning models for improved wind power forecasting**

**EXAMINATION BOARD:**

**Member of Department** S. Ulrich, Dept. of Mechanical & Aerospace Engineering

**Member of Department** H. Mohamed, Dept. of Mechanical & Aerospace Engineering

**Chair of Defence** A. Harris, Dept. of Mechanical & Aerospace Engineering

**Thesis Supervisor** K.Schell, 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*)

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Jason Etele Associate Chair, Graduate  
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