

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

**CANDIDATE:** Bingjie Xiao

**DATE:** Thursday, October 18, 2018, 10:30 a.m. Room 3124, Mackenzie Building

**THESIS TITLE:** **Life prediction of a SPS Thermal Barrier Coating Systems with Vertical Cracked Structure**

**EXAMINATION BOARD:**

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

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

**Co-Supervisor** R. Kearsy, National Research Council of Canada

**Thesis Supervisor** X. Huang, Dept. of Mechanical & Aerospace Engineering

**Chair of Department** R. Miller, Chair, Dept. of Mechanical & Aerospace Engineering (*Ex-officio*)

**Dean of Faculty** F. Afagh, Dean, Faculty of Engineering (*Ex-officio*)

**Dean, Faculty of Graduate & Postdoctoral Affairs** M. Neufang, Dean, Faculty of Graduate Studies and Research (*Ex-officio*)



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