

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

**CANDIDATE:** Malik Al-Isawi

**DATE:** Thursday November 9, 2017 12:00 p.m. Room 3124, Mackenzie Building

**THESIS TITLE:** **Navigation and Control of Flexible – Wing UAV:**

**EXAMINATION BOARD:**

<b>Member of Department</b>	S. Ulrich , Dept. of Mechanical & Aerospace Engineering
<b>Member of Joint Institute</b>	D. Neculescu, Dept. of Mechanical Engineering – University of Ottawa
<b>Thesis Supervisor</b>	J. Sasiadek, Dept. of Mechanical & Aerospace Engineering
<b>Chair of Department</b>	R. Miller, Chair, Dept. of Mechanical & Aerospace Engineering ( <i>Ex-officio</i> )
<b>Dean of Faculty</b>	F. Afagh, Dean, Faculty of Engineering ( <i>Ex-officio</i> )
<b>Dean, Faculty of Graduate &amp; Postdoctoral Affairs</b>	M. Neufang, Dean, Faculty of Graduate Studies and Research ( <i>Ex-officio</i> )

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Jason Etele Associate Chair, Graduate  
Department of Mechanical & Aerospace Engineering