

**CARLETON UNIVERSITY**  
**Department of Mechanical and Aerospace Engineering**  
**PH.D. THESIS EXAMINATION**

**CANDIDATE:** *Graeme Schmidt*  
*Master of Applied Science, Carleton University, 2014*  
*B. of Science in Mechanical En, Univ of Alberta, 2008*

**DATE:** *Monday April 29, 2019, 10:00 2014 Minto Case Building*

**THESIS TITLE:** *Constrained Optimization and Radial Basis Functions in Computational Engineering*

**EXAMINATION BOARD:**

<b>External Examiner</b>	John Nash, University of Calgary	(In Person)
<b>Internal Examiner</b>	Emmanuel Lorin de la Grandmaison, School of Mathematics and Statistics	(In Person)
<b>Member of Department</b>	Edgar Matida, Mechanical & Aerospace Engineering	(In Person)
<b>Member of Joint Institute</b>	Edward Hughes, University of Ottawa	(In Person)
<b>Thesis Supervisor</b>	John Goldak, Mechanical & Aerospace Engineering	(In Person)
<b>Thesis Co-Supervisor</b>	Tarik Kaya, Mechanical & Aerospace Engineering	(In Person)
<b>Chair/Director of Department or Designate</b>	Ronald Miller	(Ex-officio)
<b>Dean of Faculty</b>	Fred Afagh	(Ex-officio)
<b>Dean, Faculty of Graduate and Postdoctoral Affairs</b>	Matthias Neufang	(Ex-officio)

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**Matthias Neufang**  
**Dean, Faculty of Graduate and Postdoctoral Affairs**