

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

CANDIDATE: *Samia Essa*

DATE: *Monday June 15, 2020, 10:00 VideoConference*

THESIS TITLE: *Experimental and Modeling Studies of Thermal Barrier Coating Failure under Isothermal Oxidation and Solid Particle Erosion*

EXAMINATION BOARD:

External Examiner	Yannick Cormier, Royal Canadian Mint	(Video Conference)
Internal Examiner	Heng-Aik Khoo, Civil & Environmental Engineering	(Video Conference)
Member of Department	Abu Syed Kabir, Mechanical & Aerospace Engineering	(Video Conference)
Member of Department	Jeremy Laliberte, Mechanical & Aerospace Engineering	(Video Conference)
Member of Joint Institute	Bertrand Jodoin, Mechanical Engineering - University of Ottawa	(Video Conference)
Thesis Supervisor	Rong Liu, Mechanical & Aerospace Engineering	(Video Conference)
Thesis Co-Supervisor	Kuiying Chen, National Research Council of Canada	(Video Conference)
Chair/Director of Department or Designate	Ronald Miller	(Ex-officio)
Dean of Faculty	Larry Kostiuk	(Ex-officio)
Dean, Faculty of Graduate and Postdoctoral Affairs	Patrice Smith	(Ex-officio)

Patrice Smith
Dean, Faculty of Graduate and Postdoctoral Affairs