

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

CANDIDATE: *Simon Festa-Bianchet*
Master of Applied Science, Carleton University, 2016
Bachelor of Engineering, McGill University, 2013

DATE: *Friday May 05, 2023, 9:30 Video Conference*

THESIS TITLE: *Design and Application of a Novel Optical Methane Flow Sensor to Quantify Methane Vent Sources at Upstream Oil and Gas Sites*

EXAMINATION BOARD:

External Examiner	Dan Zimmerle, Director, METEC & RADEC - Colorado State University	(Video Conference)
Internal Examiner	Cole Van De Ven, Civil & Environmental Engineering	(Video Conference)
Member of Joint Institute	William Hallett, Mechanical Engineering - University of Ottawa	(Video Conference)
Member of Department	Reza Kholghy, Mechanical & Aerospace Engineering	(Video Conference)
Thesis Supervisor	Matthew Johnson, Mechanical & Aerospace Engineering	(Video Conference)
Chair of Defence	Ted Sherwood, Civil & Environmental Engineering	(Video Conference)
Chair/Director of Department or Designate	Ron Miller	(Ex-officio)
Dean of Faculty	Larry Kostiuk	(Ex-officio)
Dean, Faculty of Graduate and Postdoctoral Affairs	Patrice Smith	(Ex-officio)