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

CANDIDATE:	Raha Hojjati
DATE:	Thursday December 17, 2026, 2:00 p.m. Room 3324, Mackenzie Building
THESIS TITLE:	**Decentralized Model Predictive Control with Dynamic Neighbour Interactions for Autonomous Spacecraft Swarms**

EXAMINATION BOARD:

Member of Department	F. Afagh, Dept. of Mechanical & Aerospace Engineering
Member of Department	R. Langlois, Dept. of Mechanical & Aerospace Engineering
Chair of Defence	A.Ellery, Dept. of Mechanical & Aerospace Engineering
Thesis Supervisor	S. Ulrich, Dept. of Mechanical & Aerospace Engineering
Chair of Department	E. Matida, Chair, Dept. of Mechanical & Aerospace Engineering (*Ex-officio)*
Dean of Faculty	R. Miller, Dean, Faculty of Engineering (*Ex-officio*)
Dean, Faculty of Graduate & Postdoctoral Affairs	D. Siddiqi, Vice Provost Graduate Studies and Research (*Ex-officio*)

Mostafa El Sayed Associate Chair, Graduate
Department of Mechanical & Aerospace Engineering