CARLETON UNIVERSITY

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

CANDIDATE: Xueyao Wu

DATE: Friday April 28, 2023, 10:00 a.m. Room 4124, Mackenzie Building

THESIS TITLE: Microstructure Characterization and Performance Evaluation of Cobalt-

Containing High-Entropy Alloys Fabricated via Mechanical Alloying and Spark

Plasma Sintering

EXAMINATION BOARD:

Member of Department X. Huang, Dept. of Mechanical & Aerospace Engineering

Member of Department A. Kabir, Dept. of Mechanical & Aerospace Engineering

Chair of Defence E. Moo, Dept. of Mechanical & Aerospace Engineering

Thesis Supervisor R. Liu, Dept. of Mechanical & Aerospace Engineering

Chair of Department R. Miller, Chair, Dept. of Mechanical & Aerospace Engineering (*Ex-officio*)

Dean of FacultyL. Kostiuk, Dean, Faculty of Engineering (*Ex-officio*)

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Joana Rocha Associate Chair, Graduate Department of Mechanical & Aerospace Engineering