CANDIDATE: *Vishal Bhatoy*
Master of Sciences, Guru Nanak Dev University, 2019
Bachelor of Science, Guru Nanak Dev University, 2017

DATE: *Thursday August 21, 2025, 1300 510 Tory*

THESIS TITLE: *4-Dimensional Artin-Schelter Regular Algebras and Invariants Via Superpotentials*

EXAMINATION BOARD:

External Examiner	Daniel Rogalski, School of Physical Sciences, University of California San Diego	(Video Conference)
Internal Examiner	Daniel Stolarski, Department of Physics, Carleton University	(In Person)
Member of Joint Institute	Erhard Neher, Department of Mathematics and Statistics, University of Ottawa,	(In Person)
Member of Department	Paul Mezo, School of Mathematics and Statistics, Carleton University	(In Person)
Thesis Supervisor	Colin Ingalls, School of Mathematics and Statistics, Carleton University	(In Person)
Chair of Defence	Shulabh Gupta, Department of Electronics, Carleton University	(In Person)
Chair/Director of Department or Designate	Colin Ingalls, School of Mathematics and Statistics, Carleton University	(Ex-officio)
Dean of Faculty	Maria DeRosa, Faculty of Science, Carleton University	(Ex-officio)

| **Vice-Provost, Graduate Studies** | Nadeem Siddiqi, Graduate Studies | (Ex-officio) |