

CARLETON UNIVERSITY
School of Mathematics and Statistics
PH.D. THESIS EXAMINATION

CANDIDATE: *Xiaoke Qin*
 Master of Arts, SUNY Binghamton, 2021
 Bachelor of Mathematics, Huazhong Univ of Sci & Tech, 2018

DATE: *Thursday August 14, 2025, 10:00 510 Tory*

THESIS TITLE: *Clustering And Classification Of Complex Datasets With Applications In Crime, Microbiome, And Raman Spectroscopy Data*

EXAMINATION BOARD:

External Examiner	Abbas Khaalili, Department: Mathematics and Statistics, McGill University	(Video Conference)
Internal Examiner	Sreeraman Rajan, Systems and Computer Engineering, Carleton University	(In Person)
Member of Joint Institute	Jemila Hamid, Department of Mathematics and Statistics, Ottawa University	(In Person)
Member of Department	Mohamedou Ould Mohamed Abdel Haye, School of Mathematics and Statistics, Carleton University	(In Person)
Thesis Supervisor	Sanjeena Dang, School of Mathematics and Statistics, Carleton University	(In Person)
Chair of Defence	Shawna Dolansky, College of the Humanities, 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**

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