



Mathematical Science / Mathématiques

Name / Nom	Research Subject Code / Sujet de recherche			Proposed Doctoral Research Title / Titre de recherche postdoctorale proposée
Akila, Ramadan R	2950	APPLIED MATHEMATICS	MATHÉMATIQUES APPLIQUÉES	Hopf Bifurcation of Coupled Oscillator Systems
Beamish, Daniel DR	2950	APPLIED MATHEMATICS	MATHÉMATIQUES APPLIQUÉES	A Neurodynamic Foundation of Fitt's Law
Belhamadia, Youssef Y	2950	APPLIED MATHEMATICS	MATHÉMATIQUES APPLIQUÉES	Modélisation numérique du potentiel d'action et de l'interaction fluides structures dans le coeur
Bentz, Wolfram WF	2900	PURE MATHEMATICS	MATHÉMATIQUES PURES	An Investigation into Correspondences between Algebraic and Topological Properties in Topological Universal Algebra
Bhandari, Ganesh G	2900	PURE MATHEMATICS	MATHÉMATIQUES PURES	Structure of pro-p-groups and their associated Algebras, Trace forms on Etale Algebras
Chan, O-Yeat OY	2900	PURE MATHEMATICS	MATHÉMATIQUES PURES	Analogues of Multiple Zeta-Functions of Arbitrary Depth
Dawes, Adriana AT	2950	APPLIED MATHEMATICS	MATHÉMATIQUES APPLIQUÉES	Modelling cell polarization and cell specification in early C. elegans embryos
Mercer, Idris ID	2900	PURE MATHEMATICS	MATHÉMATIQUES PURES	Roots and flatness of polynomials with restricted coefficients
Naserasr, Reza R	2900	PURE MATHEMATICS	MATHÉMATIQUES PURES	Graph coloring and homomorphisms
Nielsen, Jason JD	3000	STATISTICS AND PROBABILITY	STATISTIQUE ET PROBABILITÉ	Functional data analysis of multistate models
Panneton, François F	2950	APPLIED MATHEMATICS	MATHÉMATIQUES APPLIQUÉES	Analyse et développement de réseaux digitaux pour les méthodes quasi Monte Carlo
Poulin, Philippe P	2900	PURE MATHEMATICS	MATHÉMATIQUES PURES	Gaz de particules dans un milieu aléatoire
Saliola, Franco FV	2900	PURE MATHEMATICS	MATHÉMATIQUES PURES	Descent algebras and reflection arrangements
Wu, Biao B	3000	STATISTICS AND PROBABILITY	STATISTIQUE ET PROBABILITÉ	Interacting agent feedback finance models with entrances and exits and their related option pricing theory.
Yue, Jin J	2950	APPLIED MATHEMATICS	MATHÉMATIQUES APPLIQUÉES	The development of the invariant theory of conformal Killing tensors by the method of moving frames
Yu, Xiaojiang X	2950	APPLIED MATHEMATICS	MATHÉMATIQUES APPLIQUÉES	Localization and Overcompleteness of Frames and Gabor Frames
Zhong, Libo L	2950	APPLIED MATHEMATICS	MATHÉMATIQUES APPLIQUÉES	Channel modeling and coding of Internet traffic