

CURRICULUM VITAE

François Huard

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Languages: French, English.
Citizenship: Canadian

Current position

Full Professor
Bishop's University, Sherbrooke, Quebec, Canada.

Professional activities

2013-

Production director *Annales mathématiques du Québec*.

2006-2013

President of the Board of Directors of the *Annales des Sciences Mathématiques du Québec*.

Member of the Université de Sherbrooke-Bishop's University representation theory group.

Member of the *Groupe d'algèbre et théorie des nombres* of the Institut des sciences mathématiques (ISM).

Member of the *Comité directeur de l'expérimentation du Programme de Sciences Informatiques et Mathématiques*, from the Ministère de l'Éducation, Loisirs et Sports, Québec.

July 2001-June 2010

Chair of the Department of Mathematics,
Bishop's University.

Academic Background

January 1996-August 1998

Ph.D. in mathematics, Université de Sherbrooke

Advisor: Shiping Liu

Thesis: *Algèbres bisérielles spéciales inclinées*.

January 1994-December 1995

Master degree in mathematics, Université de Sherbrooke

Advisors: Bernard Courteau, Ibrahim Assem

Master's thesis: *Algèbres aimables inclinées*.

1991-1993
Bachelor degree in mathematics
Université de Sherbrooke

Teaching Experience (Students' evaluations available on demand)

Courses taught at Bishop's University (since 1998):

Real Analysis I, Matrix Algebra, Science Calculus I, History of Mathematics, Real Analysis II, Linear Algebra, Science Calculus II, Topology, Introduction to Probability, Introduction to Statistics, Precalculus, Introduction to Modern Algebra, Business Calculus I, Galois Theory, Modules and Algebras, Category Theory, Discrete Mathematics, Further Discrete Mathematics, Introduction to Matroids, Number Theory, Excursions in Modern Mathematics.

Grants, Fellowships and Awards

2009-2014
NSERC operating grant
70000\$ (14000\$ per year for 5 years).

2001-2005
NSERC operating grant
45000\$ (9000\$ per year for 5 years).

2003
Bishop's Student Representative Council's Divisional Teaching Award.
Bishop's Faculty Evaluation Committee Merit Bonus (2000\$).

2001-2003
FCAR Nouveau Chercheur operating grant
45000\$ (15000\$ per year for 3 years).

May 1998-august 1998
FCAR (Fonds pour la formation des chercheurs et l'aide à la recherche)
Ph.D. fellowship (4300\$).

1996-april 1998
NSERC (Natural sciences and engineering research council of Canada)
Ph.D. fellowship (34 800\$).

1994-1995
FCAR (Fonds pour la formation des chercheurs et l'aide à la recherche)
Master's fellowship (18 333\$).

Summers 1992-1993
Bishop's University-Université de Sherbrooke
Bourse de recherche d'été en algèbre (2400\$ and 3000\$).

Research Interests

Representation theory of algebras, Ring theory, Homological Algebra.

Publications

HUARD, François, LANZILOTTA Marcelo

Self-injective right artinian rings and Igusa Todorov functions,
Algebr. and Represent. Theory **16(3)** (2013), 765-770.

HUARD, François, LANZILOTTA, Marcelo and MENDOZA, Octavio,

Layer lengths, torsion theories and the finitistic dimension,
App. Categ. Structures **21(4)** (2013) 379-392.

HUARD, François, LANZILOTTA, Marcelo and MENDOZA, Octavio,

Finitistic dimension through infinite projective dimension,
Bull. London Math. Soc. **41(2)** (2009) 367-376.

HUARD, François, LANZILOTTA, Marcelo and MENDOZA, Octavio,

An approach to the finitistic dimensions conjecture,
J. Algebra, **319(9)** (2008) 3918-3934.

BREWSTER, Richard, DEDIC, Renato, QUEEN, Jeffrey and HUARD,

François, *Edge-coloured homomorphisms and the recognition of bounded quivers*, Discrete Maths, **297** (2005) 13-25.

HUARD, François, *Tilted algebras having underlying graph \mathbb{D}_n* ,

Annales des Sciences Mathématiques du Québec (2001), **25** (1) (2001) 39-46.

HUARD, François, *One-point extensions of quasi-tilted algebras by*

projectives, Comm. Algebra **29** (7) (2001) 3055-3060.

HUARD, François and LIU, Shiping, *Tilted string algebras*,

J. Pure and Applied algebra **153** (2000) 151-164.

HUARD, François and LIU, Shiping, *Tilted special biserial algebras*,

J. Algebra **217** (1999), 679-700.

HUARD, François, *Tilted gentle algebra*,

Comm. Algebra **26** (1) (1998) 63-72.

Plenary lectures

2005, October 15

Colloque ISM sur la route,

La conjecture de dimension finitiste.

2001, May 18

Algebra and Number Theory Day,

McGill University, Montreal,

Title: *Flèches, Cordes et Carquois*.

Recent communications

2007, October 5

International conference on representation theory and related topics
Northeastern University, Boston, Massachusetts

Title: *Finitistic dimension through infinite projective dimension.*

2004, September 14

Non commutative artinian algebras, representations and cohomology
Centre International de Rencontres Mathématiques, Luminy, France

Title: *A short proof of fin. dim. for special biserial algebras.*

2003, October 2

AGATA Research seminar

Université Montpellier 2, Montpellier, France

Title: *Sur un résultat d'Igusa et Todorov*

2003, June

Algebra seminar

Universidad de la Republica, Montevideo, Uruguay

Title: *On the finiteness of global dimension for artinian rings*

2002, June 15-17

Canadian Mathematical Society Meeting Université Laval, Québec

Title: *Unit forms of tree algebras*

2002, June 3-8

Venezia Algebra Conference

Venice, Italy

Title: *Unit forms of tree algebras*

2001, November 23-24

Bishop's University-Université de Sherbrooke 13th Representation theory
meeting, Université de Sherbrooke.

Title: *Monomial trees and edge colored homomorphisms* (joint R. Brewster).

2000, November 18

54th Quebec Mathematics Colloquium

Concordia University, Montreal

Title: *Tilted Algebras having underlying graph \mathbb{D}_n*

2000, June 3-4

International Conference on Representations of Algebras and Related Topics
Northeastern University, Boston, Massachusetts.

Title: *One-Point Extensions of Quasi-tilted Algebras by Projectives.*

Organization of Conferences and other events

Main organizer of the *Camp mathématique de l'AMQ* held at Bishop's University in 2006 and 2010.

1999-2013

Member of the organizing Committee for the *11th, 12th, 13th, 14th, 16th and 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th Representation theory meeting* held alternately at Bishop's and l'Université de Sherbrooke.

2002, Winter

Coorganizer of the "Associative Algebras Session" for the Canadian Mathematical Society, Université Laval, Québec.

2001, Summer

Member of the local organizing committee for the *Algebra Summer Colloquium* held at Bishop's University, July 16, 2001.

2001, Winter

Main organizer of the 55th Quebec Mathematics Colloquium held at Bishop's University, April 18 , 2001.

1998, Winter

Member of the local organizing committee for the *Institut des sciences mathématiques (ISM) graduate students conference* held at l'Université de Sherbrooke, may 8-9-10, 1998.