CURRICULUM VITAE

François Huard
Department of Mathematics
Bishop's University, Sherbrooke, Québec, Canada.

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

Professional activities
July 2020-June 2023
Chair of the mathematics department
Bishop's University.

2005-
Bishop's representative at the Institut des sciences mathématiques (ISM).

2010-
Member of the research group on Algebraic and Geometric structures
(Bishop's-UdeS).

2008-2020
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.

2006-2013
President of the Board of Directors of the *Annales des Sciences Mathématiques
du 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, Further Excursions in Modern Mathematics, Graph Theory, Advanced Linear Algebra, Modern Algebra, Life Science Calculus, Life Science Calculus II, Finite Mathematics for Business

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, SMITH David
Approximations of injective modules and finitistic dimension
Communications in algebra **49(9)** (2021), 4088-4091.

HUARD, François, LANZILOTTA Marcelo, SMITH David
Filtering subcategories of modules of an artinian algebra
arXiv: 1505.07025 (2015)

HUARD, François, LANZILOTTA Marcelo
Self-injective right artinian rings and Igusa Todorov functions,
Algebra 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.

Organization of Conferences and other events
Main organizer of the *Camp mathématique de l'AMQ* held during summer
at Bishop's University in 2006 and 2010.

1999-2014
Member of the organizing Committee for the *11th, 12th, 13th, 14th, 16th
and 17th, 18th, 19th, 20ieth, 21st, 22nd, 23rd, 24th, 25th and 26th
Representation theory meeting* held alternately at Bishop's and
l'Université de Sherbrooke,
(International conference with over 30 participants from year to year)

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.