

- Education**
- **University of Queensland**, B. Sc. (Honours) in Mathematics, 2003.
 - **Australian National University**, Ph.D. in Mathematics, July 2008.

- Employment**
- **Hausdorff Center for Mathematics, Bonn**: Postdoc, November 2008 until November 2010.
 - **Institut des Hautes Études Scientifiques**: Visitor, 1st March 2009 until 1st April 2009.
 - **Centre de Recerca Matemàtica, Barcelona**: Visitor, 1st - 28th November 2007.
 - **Australian National University**: Assistant Professor, 10th September 2007 until 11th July 2008.

Interests Algebraic geometry, Homological algebra.

- Publications**
- Thesis: *The mock homotopy category of projectives and Grothendieck duality*, to appear.
 - With S. Salarian: *Total acyclicity for complexes over a Noetherian scheme*, arXiv:0902.3013v1, submitted.
 - *Rouquier's cocovering theorem and well-generated triangulated categories*, arXiv:0904.2685v1, submitted.
 - with B. Keller and M. Van den Bergh, *On two examples by Iyama and Yoshino*, arXiv:0803.0720v1, to appear in *Compositio*.
 - *Residues and duality for singularity categories of isolated Gorenstein singularities*, arXiv: 0912.1629.

- Awards**
- **2001** - Michael P O'Donnell Memorial prize, Maude Walker prize (University of Queensland).
 - **2003** - Ethel Raybould prize in Mathematics, University medal (University of Queensland).

- Seminars** *Slides and other material available on my website.*
- **August 2007**, Australian National University, Canberra: "Homotopy categories and Grothendieck duality."
 - **September 2007**, La Trobe University, Melbourne: "Homotopy categories and Grothendieck duality."
 - **October 2007**, University of Sydney: "Homotopy categories, Grothendieck duality and singularities."
 - **October 2007**, Macquarie University, Sydney: "Compactly generated homotopy categories and Grothendieck duality."
 - **November 2007**, "The mock homotopy category of projectives and Grothendieck duality" presented at the Workshop on Derived Categories, Centre de Recerca Matemàtica, Barcelona.

- **June 2008**, “Gorenstein flat sheaves”, presented at the CIMPA-UNESCO-IPM school on Representation Theory of Algebras, Tehran.
- **September 2008**, “Generating the singularity category of an isolated singularity”, presented at the Banff workshop on the Representation Theory of Algebras and Applications to the Study of Rings of Singularities.
- **March 2009**, Jussieu algebra seminar, Paris 7: “Homotopy categories of sheaves and Serre duality for singular varieties.”
- **June 2009**, University of Bonn: “Duality in singularity categories and the Kapustin-Li formula.”
- **August 2009**, Imperial college, London: “Duality in singularity categories and the Kapustin-Li formula.”
- **September 2009**, University of Lincoln-Nebraska: “Complete injective resolutions.”
- **October 2009**, University of Kansas, Lawrence: “Duality and Cohen-Macaulay modules.”
- **October 2009**, University of Pennsylvania: “Duality in singularity categories and the Kapustin-Li formula.”

Invited speaker **May 2009**, Paderborn conference on Triangulated categories and Singularities: “Residues and duality for singularity categories.”

Colloquia **October 2009**, University of Lincoln-Nebraska: “Duality in singularity categories and string theory.”

Teaching

- Substitute lecturer for James Borger, Algebra I, September 2007, at the Australian National University, Canberra.
- Tutored undergraduate calculus and linear algebra, 2003, University of Queensland.

Journals refereed Advances in Mathematics, Journal of Algebra, Documenta Mathematica, Communications in Algebra.

Personal

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Date of Birth: 1982 (Queensland, Australia)

Citizenship: Australia