# CURRICULUM VITAE

## University Education:

| B.Sc.(Hons) | University of Sydney, 1969-1973                      |
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| M.Sc.       | University of Oxford, 1973-1974                      |
| D.Phil.     | University of Oxford, 1980. (Supervisor: Elmer Rees) |

#### Prizes from The University of Sydney:

K. Saxby Prize in Mathematics, (School of Chemical Engineering) Slade Prize in Physics

### **Appointments:**

Visiting Assistant Professor, Purdue University, 1979-1980.
Hill Assistant Professor and Member of the Graduate Faculty, Rutgers University, 1980-1983.
Assistant Professor II, Rider University, 1983-1987.
Associate Professor, Rider University, 1987-1993.
Professor, Rider University, 1993 –
Visiting Research Scholar, Princeton University, Spring 2015

## **Research Leave:**

University of Manchester, Spring 2006. (Subsequent extended visits.) Visiting Research Collaborator, Princeton University, Fall 2010. Cape Breton University, July 2015

## **Research Grants:**

Research funded by the National Science Foundation 1981-1983. Rider University Fellowships 1985,1986,1990,1997, 2007–2013. Rider University Paid Research Leaves 2006, 2010, 2015. Simons Foundation 2011-2016. Simons Foundation 2016-2021.

#### Seminars:

Princeton Algebraic Topology Seminar co-organizer: algebraic topology princeton International Polyhedral Products Seminar co-organizer: ipps princeton

#### **Dominick A. Iorio Faculty Research Award**

Presented by Rider University, 2016

#### **Doctoral Theses Examined:**

City University of New York, 2006. University of Manchester, 2008. Columbia University 2013.

## Young Investigators Hosted at Rider University:

Suyoung Choi, Ajou University, 2012, 2013. 2017
Shintaro Kuroki, University of Toronto, 2013
Jongbaek Song, KAIST, 2013, 2015, 2017
Soumen Sarkar, Universities of Regina and Calgary, IITM, 2014, 2015, 2017, 2018

#### **Research Institute Invitations:**

Universität Bielefeld, SFB Collaborative Research Centre, January 2009
Guest and speaker in the program Spectral Structures and Topological Methods.
Centro di Ricerca Mathematica Ennio De Giorgi, Pisa Italy, May 2010.
Seminar speaker and participant in the intensive research period Configuration Spaces: Geometry, Combinatorics and Topology.
Hausdorff Institute Bonn, Research in Groups, May 2011.

Member of an international team of eight mathematicians whose proposal for threeweek visit to this research institute was accepted and funded.

Centro di Ricerca Mathematica Ennio De Giorgi, Pisa Italy, February 2015. Seminar speaker and participant in the intensive research period *Perspectives in Lie Theory*.

#### Recent refereeing requests and research grant proposal reviews

Journal of the LMS., Adv. Math., HHA, J. Topol., DCG, JHRS, Geom. Topol., K–Theory, AGT, Math. Zeit., Topol. Appl., Trans. AMS, Ann. Math., Jour. Pure Appl. Algebra, Exp. Math., Forum Math. Math. Rev., various conferences proceedings. NSERC (Canada), NWO (Netherlands), Simons Foundation.

#### Selected Invited Lectures at University Seminars

McMaster University, 2006 Cornell University, 2007 University of Rochester, 2007 University of Edinburgh, 2008 Johns Hopkins University, 2008 University of Kentucky, 2008, 2010 Northeastern University, 2008 The Open University, UK, 2009 University of Western Ontario, 2009 Universität Bielefeld, 2009 Vrije Universiteit, Amsterdam, 2009 CUNY Graduate Center, 2006, 2008, 2012 Advanced Studies Center, (CINVESTAV) Mexico, 2009 Princeton University, 2006, 2007, 2009 University of Manchester, 2006, 2007, 2009, 2010 Fudan University, Shanghai, China 2012, (six lectures) Nankai University, Tianjin, China, 2012 Korean Advanced Institute of Science and Technology, 2012, (three lectures) Ajou University, Suwon, Korea, 2012 University of Sydney, Australia, 2012 (two lectures), 2014 Vassar College, 2015 Rutgers University, 2015 Cape Breton University, 2015 University of Calgary, Mathematics Colloquium, 2016 Indian Institute of Technology, Madras, 2017 Lehigh University, 2017 University of Regina, Topology Mini-Conference 2019 University of Western Ontario, Topology Seminar, 2020

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