

## Ross Geoghegan

Professor Emeritus
Ph.D., 1970, Cornell University
At Binghamton since 1972 **Areas of Interest:** Topology,
geometric group theory, fixed
point theory, dynamics
Summary of research interests

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Here's a link to my personal web page.

## • Ph. D. Students:

Ulysses Alvarez, Spring, 2022

Thesis: On the Topology of Corank 1 Tropical Phased Matroids (co-advisor Laura Anderson)

Keith Jones, Spring, 2010

Thesis: Controlled Connectivity for Cocompact Isometric Actions on Simplicial Trees

Risto Atanasov, Summer, 2007

Thesis: Groups of Geometric Dimension 2

■ Tom Klein, Spring, 2007

**Thesis:** Filtered ends of pairs of groups

Nicholas Koban, Spring, 2004

**Thesis:** Controlled Topology Invariants of Translation Actions

Dirk Schuetz, Spring, 2001

Thesis: Torsion properties of the Novikov complex

■ Daniel Farley, Spring, 2000

**Thesis:** Finiteness and CAT(0) Properties of Diagram Groups

■ Tom Plavchak, Fall, 1997

Thesis: A Polyhedral Transversality Theorem For One-Parameter Fixed Point Theory

• Francisco Fernandez-Lasheras, Fall, 1996

Thesis: Fake surfaces, thickenings and cohomology of groups

Mile Krajcevski, January, 1995 (Co-advisor Craig Squier)

**Thesis:** Tilings of the plane, and hyperbolic groups.

Michael Kelly, May, 1985

Thesis: Minimizing the Number of Fixed Points for Self-Maps of Compact Surfaces

Donco Dimovski, Spring, 1983

Thesis: Non-Simply Connected Casson Handles

Gary O'Brien, Spring, 1981

Thesis: The Missing Boundary Problem for Smooth Manifolds of Dimension Greater Than or Equal to Six

Michael Mihalik, Spring, 1979

**Thesis:** Ends of Fundamental Groups in Shape and Proper Homotopy

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