

	Christoforos Neofytidis
	Riley Assistant Professor At Binghamton since 2014
	Areas of Interest: Summary of research interests
	E-mail: chrisneo@math.binghamton.edu
Phone: (607) 777-2982	
Fax: (607) 777-2450	

- **Office:**
- **Office hours:**
- **Courses:**
 - **Spring 2021**



Christoforos Neofytidis

Department of Mathematical Sciences
Binghamton University
Binghamton, NY 13902-6000

Office: WH 202

E-mail: chrisneo "at" math "dot" binghamton "dot" edu

Phone: 1 607-777-2982

Fax: 1 607-777-2450

This page is no longer updated since I moved to the University of Geneva. My new webpage is here.

About me

I am a Riley Assistant Professor at the State University of New York at Binghamton. I completed my BSc in Mathematics and MSc in Pure Mathematics at the University of Cyprus, where I come from. During my master studies I spent one year at the University of Bonn. I obtained my PhD degree in 2014 from the University of Munich, under the supervision of Prof. D. Kotschick. Also, I held visiting positions at IHÉS in 2015 and at Peking University in 2016.

Research Interests

My research interests lie in the area of topology and geometry and the interactions to group theory, algebra, global analysis and dynamics. One of my main focuses is the study of maps of non-zero degree and related manifold invariants. A significant amount of my work deals with the study of direct products, both of manifolds and groups.

Publications and Preprints

- **Domination between different products and finiteness of associated semi-norms**

Preprint: arXiv:1705.09943.

- **Invariant incompressible surfaces in reducible 3-manifolds**

(with S. Wang), Preprint: arXiv:1701.06197.

- **Ordering Thurston's geometries by maps of non-zero degree**

J. Topol. Anal. (to appear).

- **Degrees of self-maps of products**

Int. Math. Res. Not. IMRN (to appear).

- **Fundamental groups of aspherical manifolds and maps of non-zero degree**

Groups Geom. Dyn. (to appear).

- **On stability of non-domination under taking products**

(with D. Kotschick and C. Löh), *Proc. Amer. Math. Soc.* **144** (2016), 2705–2710.

- **Branched coverings of simply connected manifolds**

Topology Appl. **178** (2014), 360–371.

- **On three-manifolds dominated by circle bundles**

(with D. Kotschick), *Math. Zeitschrift* **274** (2013), 21–32.

Invited Talks

2017

- University of Minnesota, Differential Geometry and Symplectic Topology seminar
- National University of Ireland at Maynooth, Colloquium

- 51st Spring Topology and Dynamics conference, Jersey City, New Jersey

2016

- Peking University, Topology seminar
- SUNY Binghamton, Geometry and Topology seminar
- 50th Spring Topology and Dynamics conference, Waco, Texas
- University of Geneva, Groups and Geometry seminar

2015

- University of Athens, Geometry seminar
- University of Cyprus, Colloquium
- University of Chicago, Geometry/Topology seminar
- Ohio State University, Geometric Group Theory seminar
- Caltech, Geometry and Topology seminar
- Geometric Topology workshop, Oberwolfach

2014

- SUNY Binghamton, Geometry and Topology seminar
- Cornell University, Geometric Group Theory seminar
- Geometric Topology conference, Bilbao
- University of Pisa, Geometry seminar

2013

- University of Fribourg, Colloquium
- Marseille University, Algebra, Dynamics and Topology seminar
- University of Cyprus, Colloquium
- University of Munich, Geometry seminar
- University of Regensburg, Geometry and Global Analysis seminar

2012

- University of Cyprus, Colloquium

2011

- University of Munich, Geometry seminar
- University of Cyprus, Colloquium

Teaching Spring 2017

- Math 463 Differential Geometry

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Last update: **2021/02/25 10:10**

