



Tam Nguyen-Phan

Assistant Professor

Ph.D., 2012, University of Chicago

At Binghamton since 2013

Areas of Interest: Geometry and Topology

Summary of research interests

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- **Office:** WH 213
- **Office hours:**
- **Courses:**
 - **Spring 2019**
 - **Summer 2019**

CV and statements

- Curriculum Vitae
- Research Statement
- Publication List
- Teaching Statement

Submitted papers

- Half dimensional collapse of ends of manifolds of nonpositive curvature (*joint with Grigori Avramidi*), 2016, *Preprint: arXiv:1608.02185*.

Publications

- Non-aspherical ends and nonpositive curvature (*joint with Igor Belegradek*), published in *Trans. Amer. Math. Soc.*, 2016.
- Flat cycles in the homology of $\Gamma \backslash \text{SL}_m(\mathbb{R}) \backslash \text{SO}(m)$ (*joint with Grigori Avramidi*), published in *Commentarii Mathematici Helvetici*, Volume 90, Issue 3, 2015.
- A note on non-uniform lattices in negatively curved, non-visibility manifolds, *Bull. London Math. Soc.* (2014) 46 (2).

- Nonpositively curved manifolds containing a prescribed nonpositively curved hypersurface, *Topology Proceedings, Volume 42, 2013*.
- Smooth (non)rigidity of piecewise cusped locally symmetric manifolds, *published in J Topology (2012) 5 (2)*.
- Smooth (non)rigidity of cusp-decomposable manifolds, *published in Commentarii Mathematici Helvetici, Volume 87, Issue 4, 2012*.

Preprints

- Gluing locally symmetric manifolds: asphericity and rigidity (Thesis), *Preprint: arXiv:1108.4127*.
- On finite volume, negatively curved manifolds, *Preprint: arXiv:1110.4087*.
- Nil happens. What about Sol? *Preprint: arXiv:1207.1734*.
- Actions of higher rank, irreducible lattices on CAT(0) cubical complexes *Preprint: arXiv:1207.1837*.

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