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(<https://people.clas.ufl.edu/dranish/>)  
Department of Mathematics

## MAT6932 Seminar in Topology

### Time and Location

T5 LIT 368,

Description and Goals: This is a research seminar with a long tradition

**TOPOLOGY and Dynamics SEMINAR** meets on Tuesdays 5th period in LIT 368

### Fall-2023

**August 29th Chris Kapulkin, University of Western Ontario**

**September 5th Organizational meeting**

**September 12th**

**September 19th**

**September 26th**

**October 3rd**

**October 10th**

**October 17th**

**October 24th**

**October 31st**

**November 7th**

**November 14th**

**November 21st**

**November 28th**

**December 5th**

## **Spring-2023**

**January 17th Organizational meeting**

**January 24th Johnathan Bush “Gromov-Hausdorff distances, Borsuk-Ulam theorems, and Vietoris-Rips complexes”**

**January 31st Luca Di Cerbo’s visitor**

**February 7th Boris Okun, University of Wisconsin-Milwaukee “Homology growth of finite covers”**

**February 14th Luca Di Cerbo, “Complex structures on 4-manifolds”**

**February 21st Luigi Lombardi, University of Milan, “On the invariance of Hodge numbers under derived equivalence of varieties with non trivial Albanese map”**

**February 28th Hubert Wagner, “Topology-preserving preprocessing of cubical filtrations”**

**March 7th Peter Bubenik, “Singular homology of roots of unity”**

**March 21st Phil Boyland, “When Topology forces Dynamics”**

**March 28th Michael Zarichnyi, “Proper universal metric spaces for asymptotic dimension”**

**April 4th Adi De Saha, “On Cohomological Dimension of Group Homomorphisms”**

**April 11th Andrew Yarmola, Princeton University, “On knots in tangent bundles”**

**April 18th LeBrun, Stony Brook, “Einstein Manifolds, Self-Dual Weyl Curvature, and Conformally Kähler Geometry”**

**April 25th Dan Guralnik, MAE UF, “Reconfigurable systems: an autonomy perspective.”**

Some of the old seminars:

[Schedule for 2022](https://people.clas.ufl.edu/dranish/files/TDsem22.pdf) (<https://people.clas.ufl.edu/dranish/files/TDsem22.pdf>)

[Schedule for 2021](https://people.clas.ufl.edu/dranish/files/TDsem21.pdf) (<https://people.clas.ufl.edu/dranish/files/TDsem21.pdf>)

[Schedule for 2020](https://people.clas.ufl.edu/dranish/files/TDsem20.pdf) (<https://people.clas.ufl.edu/dranish/files/TDsem20.pdf>)

[Schedule for 2019](https://people.clas.ufl.edu/dranish/files/TDsem2019.pdf) (<https://people.clas.ufl.edu/dranish/files/TDsem2019.pdf>)

[Schedule for 2017](https://people.clas.ufl.edu/dranish/files/TDsem2017.pdf) (<https://people.clas.ufl.edu/dranish/files/TDsem2017.pdf>)

[Schedule for 2016 \(https://people.clas.ufl.edu/dranish/files/TDsem16n.pdf\)](https://people.clas.ufl.edu/dranish/files/TDsem16n.pdf)

[Schedule for 2015 \(https://people.clas.ufl.edu/dranish/files/TDsem15.pdf\)](https://people.clas.ufl.edu/dranish/files/TDsem15.pdf)

[Fall-2014 \(https://people.clas.ufl.edu/dranish/files/TDsemS-15.pdf\)](https://people.clas.ufl.edu/dranish/files/TDsemS-15.pdf)

For older seminars see `seminars' [here](http://www.math.ufl.edu/%7Ekees/). (<http://www.math.ufl.edu/%7Ekees/>)

Graduate Student Topology Seminar is a survey seminar in Topology :

**UF Graduate Student TOPOLOGY SEMINAR** meets on Tuesdays 9th period in LIT 423

## **Fall-2023**

**August 29th Organizational meeting**

**September 5th**

**September 12th**

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**December 5th**

## Spring-2023

January 24th Organizational meeting 9th period (joint with the organizational meeting for T&D seminar) LIT 368

**January 31st seminar canceled**

**February 7th Haydon Hunter, "Uniqueness of Ricci Nilsolitons pt. I"**

**February 14th Haydon Hunter, "Uniqueness of Ricci Nilsolitons pt. II"**

**February 21st Adi De Saha, "Coxeter Groups and Aspherical Manifolds"**

**February 28th Adi De Saha, "Coxeter Groups and Aspherical Manifolds.II"**

**March 7th Ekansh Jauhari, "H-Spaces and Hopf Algebras"**

**March 21st Nursultan Kuanyshov, "Introduction to amenable groups and bounded cohomology"**

**March 28th Nursultan Kuanyshov, "Introduction to amenable groups and bounded cohomology.II"**

**April 4th Aaron Thrasher, "Totally Geodesic Subspaces of Lobachevsky Space"**

**April 11th Aaron Thrasher, "Totally Geodesic Subspaces of Lobachevsky Space.II"**

**April 18th Satya Howladar, "Obstruction Theory"**

**April 25th Satya Howladar, "Obstruction Theory.II"**

## Old Seminars:

- [2022–2023 \(https://people.clas.ufl.edu/dranish/files/Studsem22–23.pdf\)](https://people.clas.ufl.edu/dranish/files/Studsem22-23.pdf)
- [2021–2022 \(https://people.clas.ufl.edu/dranish/files/Studsem21–22.pdf\)](https://people.clas.ufl.edu/dranish/files/Studsem21-22.pdf)
- [2020–2021 \(https://people.clas.ufl.edu/dranish/files/Studsem20–21.pdf\)](https://people.clas.ufl.edu/dranish/files/Studsem20-21.pdf)
- [2019–2020 \(https://people.clas.ufl.edu/dranish/files/Studsem19–20.pdf\)](https://people.clas.ufl.edu/dranish/files/Studsem19-20.pdf)
- [2018–2019 \(https://people.clas.ufl.edu/dranish/files/Studsem18–19.pdf\)](https://people.clas.ufl.edu/dranish/files/Studsem18-19.pdf)
- [2017–2018 \(https://people.clas.ufl.edu/dranish/files/Studsem17–18.pdf\)](https://people.clas.ufl.edu/dranish/files/Studsem17-18.pdf)
- [2016–2017 \(https://people.clas.ufl.edu/dranish/files/Studsem16–17.pdf\)](https://people.clas.ufl.edu/dranish/files/Studsem16-17.pdf)
- [2015–2016 \(https://people.clas.ufl.edu/dranish/files/Studsem15–16.pdf\)](https://people.clas.ufl.edu/dranish/files/Studsem15-16.pdf)
- [2014–2015 \(https://people.clas.ufl.edu/dranish/files/Studsem14–15.pdf\)](https://people.clas.ufl.edu/dranish/files/Studsem14-15.pdf)
- [2013–2014 \(https://people.clas.ufl.edu/dranish/files/sem13–14.pdf\)](https://people.clas.ufl.edu/dranish/files/sem13-14.pdf)
- [2012–2013 \(https://people.clas.ufl.edu/dranish/files/studsem12–13.pdf\)](https://people.clas.ufl.edu/dranish/files/studsem12-13.pdf)
- [2011–2012 \(https://people.clas.ufl.edu/dranish/files/sem11–12.pdf\)](https://people.clas.ufl.edu/dranish/files/sem11-12.pdf)
- [2010–2011 \(https://people.clas.ufl.edu/dranish/files/sem2010–11.pdf\)](https://people.clas.ufl.edu/dranish/files/sem2010-11.pdf)
- [2008 \(https://people.clas.ufl.edu/dranish/files/2008.pdf\)](https://people.clas.ufl.edu/dranish/files/2008.pdf)
- [2006–2007 \(https://people.clas.ufl.edu/dranish/files/2007.pdf\)](https://people.clas.ufl.edu/dranish/files/2007.pdf)
- [2005–2006 \(https://people.clas.ufl.edu/dranish/files/2006.pdf\)](https://people.clas.ufl.edu/dranish/files/2006.pdf)
- [2004–2005 \(https://people.clas.ufl.edu/dranish/files/2005.pdf\)](https://people.clas.ufl.edu/dranish/files/2005.pdf)
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## Grading Scale

80%Attendance+20%Presentation; A if >85, B+ if > 80.

## Attendance and Late Policy

Attendance is strictly recommended.

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