



MAT6932 Seminar in Topology

Time and Location

T5 LIT 368, ?,

Description and Goals:

TOPOLOGY and Dynamics SEMINAR meets on Tuesdays 5th period in LIT 368 (in the Fall 2020 meets online).

Fall-2020

September 1st Organizational meeting

September 15th

September 22nd

September 29th

October 6th

October 13th

October 20th

October 27th

November 3rd

November 10th

November 17th

December 1st

December 8th

Spring-2020

January 7th Organizational meeting

January 14th Mark Stern, Duke University, “A coarse Cheeger inequality for 1-forms”

January 21st Phil Boyland “N-fold minimal set measures for circle maps”

January 28th Jed Keesling “The geometry of the Stone-Cech Compactification”

February 4th Andrés Mauricio López Barragán, Federal Rural University of the Rio de Janeiro, Brazil,

February 11th Thomas Banchoff, Brown University, “Fifty years of Discrete Critical Points”

February 18th Zach Hamaker, “Some techniques for shellability”

February 25th Albert Fathi, Georgia Tech, “Cut locus in Riemannian Geometry”

March 10th Luca Di Cerbo, “*Seshadri constants, fake projective planes, and related topics*”

March 17th No seminar

March 24th No Seminar

March 31st Alex Elchesen, “Universality of Persistence Diagrams and the Wasserstein Distances”

April 7th Dana Bartosova, “Universal minimal flows of locally compact non-Archimedean groups with two-sided invariant metrics”

April 14th Alex Dranishnikov, “Topological complexity of hyperbolic groups”

April 21st Kevin Knudson, “Approximate triangulations of Grassmannians”

This is a research seminar with a long tradition. It meets on Tuesdays.

[Schedule for 2019](#)

[Schedule for 2017](#)

[Schedule for 2016](#)

[Schedule for 2015](#)

[Fall-2014](#)

For old seminars see `seminars' [here](#).

Graduate Student Topology Seminar is a survey seminar in Topology (meets online in the fall 2020):

UF Graduate Student TOPOLOGY SEMINAR

Fall-2020

September 1st (6th period) Organizational meeting

Spring-2020

January 14th Organizational meeting

January 24th Trevor Davila “Introduction to braid groups”

January 31st No seminar

February 7th Jamie Scott “An Axiomatic Introduction to the Steenrod Squares”

February 14th Nursultan Kuanyshov “Bundle and Stiefel-Whitney classes”

February 21st Nursultan Kuanyshov “Bundle and Stiefel-Whitney classes.II”

February 28th no seminar

March 13th Alex Elchesen “Ultrafilters in Topology”

March 20th No Seminar

March 27th Hayden Hunter “On Jordan Curve Theorem”

April 3rd Michelle Daher “On cell-like maps”

April 10th No Seminar

April 17th Trevor Davila, "An introduction to quantum algorithms"

Old Seminars:

- [2019-2020](#)
- [2018-2019](#)
- [2017-2018](#)
- [2016-2017](#)
- [2015-2016](#)
- [2014-2015](#)
- [2013-2014](#)
- [2012-2013](#)
- [2011-2012](#)
- [2010-2011](#)
- [2008](#)
- [2006-2007](#)
- [2005-2006](#)
- [2004-2005](#)
- [2003-2004](#)
- [2002-2003](#)
- [2001-2002](#)

Grading Scale

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

Attendance and Late Policy

Attendance is strictly recommended.



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