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TOPOLOGY 2

## MAT6932 Seminar in Topology

### Time and Location

T5 LIT 368, T6,

### Description and Goals:

**TOPOLOGY and Dynamics SEMINAR** meets on Tuesdays 5th period in LIT 368 (in the Spring 2021 meets online).

### Spring-2021

January 19th Organizational meeting

**January 26th**

**February 2nd**

**February 9th**

**February 16th**

**February 23rd**

**March 2nd**

**March 9th**

**March 16th**

**March 23rd**

**March 30th**

**April 6th**

**April 13th**

**April 20th**

## **Fall-2020**

September 1st Organizational meeting

**September 15th Vladimir Chernov (Dartmouth College) “Khovanov homology and causality in spacetimes”**

**September 22nd Michael Daher “Cell-like maps and convergence in the Gromov Hausdorff Space”**

**September 29th Jamie Scott “The LS-category and the Topological Complexity of Maps” (oral exam)**

**October 6th Luca Di Cerbo “Some thoughts about 3-manifolds”**

**October 13th Michael Albanese (Université du Québec à Montréal (UQAM) & McGill) “Connected Sums of Almost Complex Manifolds”**

**October 20th Henry Adams (Colorado State University) “Bridging applied and quantitative topology”**

**October 27th Alex Dranishnikov “On Iwase’s manifolds”**

**November 3rd Peter Bubenik “Topology and Deep Learning”**

**November 10th Basak Gurel (UCF) “Symplectic topology and dynamics of pseudo-rotations”**

**November 17th Phil Boyland “On the abundance of Denjoy minimal sets”**

**December 1st Jan Boronski (AGH University of Science and Technology, Krakow, Poland) “Crovisier-Pujals-like 1-dimensional models for Lozi maps within the Misiurewicz parameter set ‘**

**December 8th Leone Slavich “Compact hyperbolic manifolds without spin structure”**

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

[Schedule for 2019](#)

[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 Spring 2021, Tuesdays 6th period):

## **UF Graduate Student TOPOLOGY SEMINAR**

### **Spring-2020**

January 19th Organizational meeting

**January 26th**

**February 2nd**

**February 9th**

**February 16th**

**February 23rd**

**March 2nd**

**March 9th**

**March 16th**

**March 23rd**

**March 30th**

**April 6th**

**April 13th**

**April 20th**

## **Fall-2020**

September 1st (6th period) Organizational meeting

**September 15th Trevor Davila “Knot Theory and Quantum Computing”**

**September 22nd Trevor Davila “Knot Theory and Quantum Computing.II”**

**September 29th Jamie Scott “The LS-category and the Topological Complexity of Maps” (oral exam starts at 11:45)**

**October 6th Nursultan Kuanyshov “Eilenberg-Zilber Theorem”**

**October 13th Nursultan Kuanyshov “Eilenberg-Zilber Theorem.II”**

**October 20th Michelle Daher “Surgery and CE-maps”**

**October 27th Michelle Daher (canceled)**

**November 3rd Michael Freedman “A Friendly Introduction to Lie groups and Lie algebras” Part 1 of 3**

**November 10th Michael Freedman “A Friendly Introduction to Lie groups and Lie algebras” Part 2 of 3**

**November 17th Michael Freedman “A Friendly Introduction to Lie groups and Lie algebras” Part 3 of 3**

**December 1st Mahya Aghaee “Application of topology in optimization theory (the tent method)”**

**December 8th Deep Kundu “Morse theory”**

## **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.

