

Schedule π^3 course: Foundations of Topological Data Analysis (T3)



February 20-24, 2023, Prof. Dr. Anastasios Stefanou

Monday, February 20, 2023

14:00 – 16:00 c.t.
MZH 1100

Lecture: *Homology of simplicial complexes*

Tuesday, February 21, 2023

14:00 – 16:00 c.t.
MZH 1100

Lecture: *Čech and Vietoris-Rips complexes*

Wednesday, February 22, 2023

14:00 – 16:00 c.t.
MZH 1100

Lecture: *Sublevelset persistent homology of a filtration*

Thursday, February 23, 2023

14:00 – 16:00 c.t.
MZH 1100

Lecture: *Persistence modules and their persistence diagrams*

Friday, February 24, 2023

14:00 – 16:00 c.t.
MZH 1100

Lecture: *Metrics on persistent diagrams and stability*