3rd Workshop on Topological Methods in Data Analysis

Synergies between TDA and Machine Learning

Heidelberg University,
primarily taking place online

28th to 30th of September, 2022

Registration: https://docs.google.com/forms/d/e/1FAIpQLSehfn-UtyqU_bd971vhakUDwbFz24Opqxs1dXIIAvjNZ819Jg/viewform

Zoom links will be provided subsequently
Topological data analysis (TDA) is a rapidly growing field of applied mathematics, that promises an exciting approach to the analysis of highly complex systems.

This three-day workshop includes introductions into the powerful data analysis machinery of persistent homology and to machine learning techniques. A particular focus is laid on synergies between TDA and machine learning, where fruitful applications have been recently emerging. In addition, participants will have the opportunity to give short presentations on their own TDA-related work.

While primarily taking place online, opportunities for on-site get-together sessions in Heidelberg will be included.

Tutorial sessions by
Bastian Rieck (Helmholtz Zentrum München)

More information including a tentative schedule:
https://tda.mathi.uni-heidelberg.de/

Organizational Committee consisting of
Lukas Hahn, Maximilian Schmahl, Daniel Spitz, Anna Wienhard

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