WWU
MÜNSTER

CRC Colloquium

26 January 2023 | 4:15 pm | in person M2

4:15 pm – 5:00 pm

Katrin Tent:

Simplicity of automorphism groups of homogeneous structures

We discuss some general criteria that can be used to show that the automorphism group of a homogeneous structure (such as metric space, right-angled building, graph or hypergraphs) are simple groups or have simple quotients.

5:15 pm – 6:00 pm

Aleksandra Kwiatkowska:

Compact connected one-dimensional spaces

Using a dualization of the Fraisse limit construction from model theory, we show how to construct various (well known as well as new ones) projectively homogeneous compact connected one-dimensional metric spaces. Furthermore, instead of automorphism groups of homogeneous structures, we are interested in homeomorphism groups of projectively homogeneous spaces. I will present recent results on this topic.
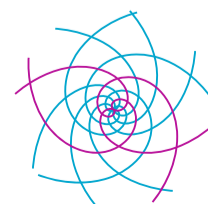
From 6:00 pm

Get-together in the Cluster lounge in the SRZ-building on the 2nd floor.

These two lectures will take place in the context of the Wilhelm Killing Colloquium.

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MATHEMATIK UND
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