

“School on Analysis and geometry on groups and spaces”

January 27 - 31, 2025

organized by

Ursula Hamenstädt, Yevgeny Liokumovich, Andrea Mondino, Stephan Stadler,
Stefan Wenger, Robert Young

Time measurement: CEST

• Monday, January 27

08:30 - 09:00	<i>Arrival and Registration</i>
09:00 - 09:05	<i>Welcome by HIM Director Karl-Theodor Sturm (tbc)</i>
09:05 - 10:00	David Bate <i>An introduction to rectifiability in metric spaces</i>
10:00 - 10:15	<i>Coffee break</i>
10:15 - 11:15	Regina Rotman <i>Quantitative Topology and Geometric Inequalities</i>
11:30 - 12:30	Daily recap <i>(B+R)</i>
12:30 - 14:00	<i>Lunch break</i>
14:00 - 15:00	Daniele Semola <i>Ricci curvature and fundamental group</i>
15:00 - 15:30	<i>Coffee break</i>
15:30 - 16:30	Panos Papasoglu <i>An Introduction to Systolic Geometry</i>
afterwards	<i>Get-Together</i>

• Tuesday, January 28

09:00 - 10:00	Daniele Semola <i>Ricci curvature and fundamental group</i>
10:00 - 10:15	<i>Coffee break</i>
10:15 - 11:15	Panos Papasoglu <i>An Introduction to Systolic Geometry</i>

11:30 - 12:30	Daily recap <i>(S+P)</i>
12:30 - 14:00	<i>Lunch break</i>
14:00 - 15:00	David Bate <i>An introduction to rectifiability in metric spaces</i>
15:00 - 15:30	<i>Coffee break</i>
15:30 - 16:30	Regina Rotman <i>Quantitative Topology and Geometric Inequalities</i>

- **Wednesday, January 29**

09:00 - 10:00	Daniele Semola <i>Ricci curvature and fundamental group</i>
10:00 - 10:15	<i>Coffee break</i>
10:15 - 11:15	David Bate <i>An introduction to rectifiability in metric spaces</i>
11:30 - 12:30	Daily recap <i>(B+R)</i>
12:30 - 14:00	<i>Lunch break</i>
	<i>Free afternoon</i>

- **Thursday, January 30**

09:00 - 10:00	Daniele Semola <i>Ricci curvature and fundamental group</i>
10:00 - 10:15	<i>Coffee break</i>
10:15 - 11:15	Panos Papasoglu <i>An Introduction to Systolic Geometry</i>
11:30 - 12:30	Daily recap <i>(S+P)</i>
12:30 - 14:00	<i>Lunch break</i>
14:00 - 15:00	David Bate <i>An introduction to rectifiability in metric spaces</i>
15:00 - 15:30	<i>Coffee break</i>
15:30 - 16:30	Regina Rotman <i>Quantitative Topology and Geometric Inequalities</i>

- **Friday, January 31**

09:00 - 10:00	Panos Papasoglu <i>An Introduction to Systolic Geometry</i>
10:00 - 10:15	<i>Coffee break</i>
10:15 - 11:15	Regina Rotman <i>Quantitative Topology and Geometric Inequalities</i>
11:30 - 12:30	Final recap <i>(B+R+S+P)</i>
12:30 - 14:00	<i>Lunch break</i>