

Program

Riemannian Topology Seminar

Lectures: room 8.122

Monday, 15.05.2023

12:30 – 14:00	Lunch
14:00 – 16:00	Research Group Universität Augsburg Bernhard Hanke: <i>Scalar curvature rigidity</i> Georg Frenck: <i>Spaces of positive scalar curvature metrics on totally nonspin manifolds</i> Helge Frerichs: <i>Scalar curvature on manifolds with noncompact boundary</i> Lukas Schönlinner: <i>Topological Complexity of Closed 3-Manifolds</i>
16:00 – 16:30	Coffee Break
16:30 – 17:30	Research Group Karlsruher Institut für Technologie Wilderich Tuschmann: <i>Rigidity, Stability, and Reconstruction</i> David Degen: <i>Moduli spaces of hyperkähler metrics</i> Rafael Dahmen: <i>Isometry Groups and Pro-Lie Theory</i> Philippe Kupper: <i>The Chas-Sullivan product on symmetric spaces</i> Artem Nepechiy: <i>Geometric conditions and regularity</i>
17:30 – 17:45	Break
17:45 – 18:45	Ruobing Zhang (Princeton University) <i>Metric geometry of Einstein 4- manifolds: recent progress and open questions</i>
20:30	Conference Dinner

Tuesday, 16.05.2023

8:30 – 9:30	Research Group Karlsruher Institut für Technologie
9:30 – 10:00	Coffee Break
10:00 – 12:00	Research Group Université de Fribourg Anand Dessai: <i>Even dimensional manifolds which carry infinitely many geometrically distinct metrics of positive Ricci curvature</i> Philipp Reiser: <i>Positive intermediate Ricci curvature: an introduction and new examples</i> Sam Hagh Shenaz Noshari: <i>On the equivariant cohomology of certain generalizations of symmetric spaces</i>
12:00 – 13:00	Lunch
13:00 – 15:00	Research Group Universität Stuttgart Uwe Semmelmann: <i>Kähler manifolds of non-negative curvature</i> Andreas Kollross: <i>Totally geodesic submanifolds in exceptional symmetric spaces</i> Paul Schwahn: <i>The Lichnerowicz Laplacian on normal homogeneous spaces</i>
15:00	End of meeting