Research Interests

Wolfgang Heil

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Topology of 3-manifolds:

Decompositions of 3-manifolds into handlebodies.
Categorical invariants of 3-manifolds.
Fundamental groups of 3-manifolds.

2-stratifolds:

Classification of 2-stratifolds (multibranched surfaces).
Fundamental groups of 2-stratifolds.
Graph-models of 2-stratifolds.