

CURVATURE AND TOPOLOGY OF SPACES



List of Speakers

Xiaoyang Chen (Tongji University)

Fernando Galaz-Garcia (Karlsruher Institut für Technologie)

David González Álvaro (University of Fribourg)

Luis Guijarro (Universidad Autónoma de Madrid)

Lee Kennard (Syracuse University)

Xiaochun Rong (Rutgers University/ BNU)

Takashi Shioya (Tohoku University)

Wilderich Tuschmann (Karlsruher Institut für Technologie)

Takao Yamaguchi (Kyoto University)

Masoumeh Zarei (University of Augsburg)

May 24 - 26, 2019

Room 77201, Jingchunyuan 78, BICMR

One of the central problems in Riemannian geometry is to describe the relations of various notions of curvature to the topology of the underlying manifold. Multiple tools can be used to attack these problems, amongst which we mention PDE, ODE, index theory, group actions, synthetic approach, etc., reflecting different faces of the problems. In this workshop, we bring together experts in this area discussing the geometry and topology of spaces with positive curvature, nonnegative curvature or more generally with curvature bounded from below.