



Oberwolfach Seminar

Lower Curvature Bounds and Topology

Organizers: Fuquan Fang, Beijing
Wilderich Tuschmann, Karlsruhe
Date (ID): 19 – 25 November 2017 (1747b)
Deadline: 17 September 2017

The existence, construction and classification of Riemannian metrics with certain prescribed curvature characteristics constitute basic questions and tasks in Riemannian geometry and are strongly related to the global shape and topology of the underlying manifolds.

The seminar will focus on central results and open problems in the global Riemannian geometry of lower curvature bounds.

Participants should already be acquainted with, e.g., the contents of the book “Comparison Theorems in Riemannian Geometry” by Cheeger and Ebin.

The seminar takes place at the Mathematisches Forschungsinstitut Oberwolfach. The Institute covers board and lodging. By the support of the Carl Friedrich von Siemens Foundation travel expenses can be reimbursed up to 150 EUR in average per person (against copies of travel receipts). The number of participants is restricted to 25.

Applications including

- full name and university/institute address
- e-mail address
- short CV, present position, university
- name of supervisor of Ph.D. thesis
- a short summary of previous work and interest
- title, ID and date of the intended seminar

should be sent preferably by e-mail (with attachments in pdf format) to:

Prof. Dr. Dietmar Kröner
Mathematisches Forschungsinstitut Oberwolfach
Schwarzwaldstr. 9 – 11
77709 Oberwolfach
Germany

seminars@mfo.de

