



Workshop on Geometry and Topology: Program

University of Fribourg, Switzerland
 Department of Mathematics
 Lecture Room 0.110, Biology Building
 For abstracts and details see <http://www.unifr.ch/math>

Thursday May 17	
14:00	Opening of workshop
14:00-15:00	Michael Struwe (ETH Zürich): <i>Scalar curvature flows</i>
15:30-16:30	Joachim Lohkamp (Münster): <i>Coarse regularisation theory in scalar curvature geometry</i>
17:00-18:00	Daniel Maerten (Neuchâtel): <i>Penrose-like inequality for maximal asymptotically flat spin initial data sets</i>
Friday May 18	
9:30-10:30	Ernst Heintze (Augsburg): <i>Kac-Moody algebras and symmetric spaces</i>
11:00-12:00	Bernd Siebert (Freiburg): <i>Affine manifolds and string geometry</i>
14:00-15:00	Janko Latschev (LMU München): <i>Symplectic field theory and string topology</i>
15:15-16:15	Michelle Bucher-Karlsson (KTH Stockholm): <i>Simplicial volume of products of surfaces</i>
16:45-17:45	Matthias Franz (München): <i>Cohomology of toric varieties and their real parts</i>
18:00-18:40	François Guéritaud (ENS Paris): <i>Convex cores of quasifuchsian groups</i>
19:30 Conference Dinner	
Saturday May 19	
9:00-10:00	Jean-Claude Hausmann (Genève): <i>The topology and geometry of polygon spaces</i>
10:30-11:30	Kathryn Hess (EPF Lausanne): <i>Free loop spaces and closed geodesics</i>
11:45-12:45	Matthias Kreck (Bonn/Heidelberg): <i>Which manifolds can be distinguished by unitary topological field theories?</i>
afternoon: Excursion	