

Algebra and Topology in Interaction in honor of Professor Dmitry Fuchs

Sept 11-13, 2009

UC Davis

The main theme of the Conference is the interplay of Algebra and Topology over the past 40 years since the birth of Gelfand-Fuchs cohomology. The topics to be discussed include current exciting developments in symplectic field theory, representations of infinite-dimensional Lie algebras, topological quantum field theory, topological applications of cohomology of infinite-dimensional Lie algebras, characteristic classes of foliations, contact homology, Chekanov-Eliashberg differential graded algebra, and Legendrian knot theory.

The list of speakers includes J. Bernstein, B. Feigin, E. Frenkel, S. Gindikin, A. Givental, M. Khovanov, A. Kirillov, S. Novikov, V. Retakh, C. Roger, G. Segal, S. Tabachnikov, and O. Viro.

Mathematicians at all levels are invited to attend. An important goal of the Conference is to provide an opportunity for a diverse group of mathematicians including postdoctoral researchers, those with traditionally underrepresented background, graduate students, and faculty from primary undergraduate institutions, to meet and discuss mathematics with the invited leading experts of the field.

Those interested in receiving funding for travel should apply by July 31, 2009.

This conference is supported by the NSF, MSRI, and UC Davis. Please see <http://www.math.ucdavis.edu/research/algetopcon> for further information.

University of California, Davis

Mathematics