Oberseminar Analysis und Theoretische Physik

Prof. Dr. Alexander Gorokhovsky

University of Colorado Boulder

Heisenberg calculus and cyclic cohomology

On a compact contact manifold, a pseudodifferential operator in the Heisenberg calculus with an invertible symbol is a hypoelliptic Fredholm operator. In this talk I will discuss solution of the problem of finding a local formula for the index of such an operator as an expression in terms of the principal symbol of the operator and geometric data. This is a joint work with E. van Erp.

Dienstag, 23.1.2024, 15:00 Uhr, Raum c311
Hauptgebäude der Leibniz Universität

Dazu laden herzlich ein:
Prof. Dr. Wolfram Bauer, Prof. Dr. Joachim Escher, Prof. Dr. Johannes Lankeit,
Prof. Dr. Elmar Schrohe, Prof. Dr. Alexander Strohmaier, Dr. Alden Waters,
Prof. Dr. Christoph Walker