CODIMENSION 2 TRANSFER OF SIGNATURES IN L THEORY

Speaker: Luo Yuetong
University of Göttingen

Time：Mon, Mar. 30, 13:30-14:30

Venue: Room 1601, East Main Guanghua Tower

Abstract: The signature of a closed manifold is an important invariant in geometric topology. Recently, Higson, Xie, and Schick proved an invariance theorem for the K-theoretic signature in codimension 2. They left the L-theoretic counterpart of this result as an open problem. In this talk, I will provide an introduction to the topic, covering the backgrounds, basic definitions and results. Time permitting, I will discuss related results and further developments related to the result.