IFWGP´07 | International Fall Workshop on Geometry and Physics

Speaker: Jerzy Lewandowski (Warsaw University)
Title: Loop Quantum Gravity and its mathematical aspects

Abstract:

LPQ is a nonperturbative approach to the issue of unification of the canonical general relativity and quantum physics. The theory is based on quantum theory of geometry and is background geometry independent. A bird's eye view of the recent development of the subject, present status, interesting models, emerging mathematical structures and open problems will be provided.