

INSTITUTUL DE MATEMATICĂ “SIMION STOILOW” AL ACADEMIEI ROMÂNE

Conferința lunară

The number theory and stochastic calculus

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Conferința va avea loc **Miercuri 21 decembrie 2016, ora 13:00**

la sediul **IMAR**, amfiteatrul “Miron Nicolescu”, parter

Abstract: The study of the zeros of the Riemann zeta function constitutes one of the most challenging problems in mathematics. A large literature is devoted to the study of the behavior of the zeta zeros. We will discuss how tools from stochastic analysis, and in particular from Malliavin calculus (multiple integrals, Wiener chaos, Stein method etc.) can be used in the study of some aspects the zeta function.