Prof. Philippe Michel
Chair of Analytic Number Theory (TAN)

**ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE**

SEMINAR OF MATHEMATICS

Wednesday March 1ˢᵗ, 2017 at 09h15, CIB lecture hall BI AO 448

Dr. Khalil Chouk *(Technische Universität Berlin)*

will present a seminar entitled:

"Dynamic beyond criticality"

Abstract:

I will present in this talk some probabilistics model studied in physics, which are ill-posed from an analytic point of view due to a dramatic lack of regularity and where the classical tools of stochastic analysis fail to be applied. The aim of this talk is to present an approach to overcome this kind of problem in an elliptic or parabolic context. My main example will be the periodic Schr¨odinger operator with white noise potential in dimension d = 2; 3 .

Lausanne, February 23, 2017 / mg