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

EPFL
ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

SEMINAR OF MATHEMATICS

TUESDAY March 24, 2015 at 16h15, lecture hall BI AO 448 (CIB)

Dr. **Thomas WILLWACHER** *(University of Zürich)* will present a seminar entitled:

"Graph complexes"

Abstract:

Homological complexes of graphs are some of the most fundamental and mysterious objects in homological algebra. They arise naturally in physics, algebra and topology and play central roles in these fields.

However, despite several decades of study, little is known about what the graph homology actually is.

We give a short introduction to the problem and its topological and physical origins, and progress obtained in recent years.

Lausanne, March 20 2015 / mg