Ruprecht-Karls-Universität Heidelberg
Mathematisches Institut
Prof. Dr. Anna Wienhard
Prof. Dr. Peter Albers

Mathematisches Institut
Mathematikon
Im Neuenheimer Feld 205
69120 Heidelberg
Tel: 06221 / 54-14206
wienhard@mathi.uni-heidelberg.de

UNIVERSITÄT HEIDELBERG
ZUKUNFT SEIT 1386

Heidelberg, 21.11.2018

RTG Kolloquium

"Kernels of hyperbolic type"

Prof.Dr. Pierre Py, Université de Strasbourg, Frankreich

Abstract: We will review the classical notions of kernels of positive and negative type, classical in representation theory. For instance, positive kernels on a set X are simply functions of two variables on X, which are the pullback of the scalar product by a map from X to a Hilbert space. Afterwards, we will discuss the less classical notion of kernels of hyperbolic type and give interesting examples of such kernels. This will lead us to a tour of the geometry of the infinite dimensional hyperbolic space. This is based on a joint work with Nicolas Monod.

Dienstag, den 27. November 2018 um 13.30 Uhr, Konferenzraum 5.104, 5.OG, INF 205