



WESTFÄLISCHE
WILHELMS-UNIVERSITÄT
MÜNSTER

Mathematische Institute der WWU – Kolloquium Wilhelm Killing

Information Geometry and Mathematical Population Genetics

Professor Jürgen Jost (MPI für Mathematik Leipzig)

12.1.2012, 16:30 Uhr, Hörsaal M 5

I shall describe how the framework of information geometry, that is, the geometry of spaces of probability distribution with its natural (Fisher) metric and its dually affine structure, can provide a systematic understanding of the basic models of population genetics, that is, the Wright-Fisher model and its extensions, and how it can considerably clarify many computations.

Tee wird ab 16:00 Uhr im Sitzungszimmer SR 0 des Mathematischen Instituts serviert.

Fachbereich 10
Mathematik und Informatik
<http://wwwmath.uni-muenster.de>

