Bernoullis Tafelrunde

Graduate Student Seminar

Thursday, 16 May 2019, 12:15-13:00
Seminarraum 05.002, Spiegelgasse 5

Pascal Schmid

Universität Hamburg

A Brief Look at Genomic Testing in Terms of Algebraic Statistics

Abstract

Since the end of the 20th century and with the increasing need for robust algorithms, concepts from algebraic geometry are applied progressively also in statistics. Such strategies reveal new approaches also in fields as DNA sequence alignments. They reveal new insights into methods from algebra and geometry and offer new aspects with regard to enhancing risk management for Life Sciences.