



Universität Stuttgart



Kolloquium des Fachbereichs Mathematik

Es spricht am Montag, 13. November 2023 um 14:00 Uhr

Herr Professor Vladimir Lazić (Universität des Saarlandes)

zum Thema: „**Classification of algebraic shapes**“

Abstract

One of the main objects of algebraic geometry is to provide a meaningful classification of algebraic shapes: that is, those which are locally given by a system of polynomial equations. The Minimal Model Program predicts that one should be able to slice up any such shape into pieces whose curvature has almost everywhere a constant sign. I will explain what this programme aims to do, its achievements thus far and what remains to be done. I will also try to explain how some insights from mathematical physics found an unexpected role in this classification theory.

Der Vortrag findet im Sitzungssaal 8.122 der Fakultät Mathematik und Physik, Pfaffenwaldring 57, 70569 Stuttgart-Vaihingen statt.

Interessenten sind herzlich eingeladen!

Die Dozentinnen und Dozenten des Fachbereichs Mathematik