



Mathematisches Kolloquium

Bitte beachten Sie die geänderte Uhrzeit!

Am Freitag, dem 06. Juli 2018 spricht um **13.30 Uhr s. t.** im Hörsaal IV
der Fachrichtung Mathematik (Gebäude E24)

Prof. Dr. Alessandra Sarti
Université de Poitiers

über das Thema:

K3 surfaces and their group of symmetries

Abstract: Particularly interesting objects in algebraic geometry are K3 surfaces, which are special complex algebraic surfaces. The most easy example of such a surface is the zero set of an homogeneous polynomial of degree four in the three dimensional complex projective space. The name was given by André Weil in 1958 in honour of three famous mathematicians: Kummer, Kähler and Kodaira and in honour of the K2 mountain at Cachemire. Their symmetry group is an important tool in the understanding of their geometry. I will first show some remarkable properties of K3 surfaces and in particular the important role of lattice theory in their study. I will then show some classic and recent results on their symmetry groups.

Der Gast wird von Prof. Dr. Vladimir Lazić betreut.

Alle Interessenten sind zum Vortrag herzlich eingeladen.

Kaffee und Tee ab 13.00 Uhr im Konferenzraum der Mathematik (Erdgeschoss, Raum 103)

Die Dozenten der Mathematik