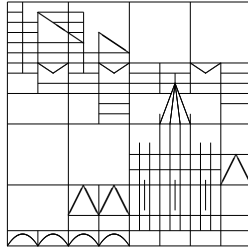


Universität Konstanz

**Fachbereich
Mathematik und Statistik**



**Prof. Dr. Robert Denk
Prof. Dr. Michael Dreher
Prof. Dr. Reinhard Racke
Prof. Dr. Oliver Schnürer**

Konstanz, den 6. Dezember 2012

Im

Oberseminar Partielle Differentialgleichungen

wird am

Donnerstag, dem 13. Dezember 2012,

folgender Vortrag gehalten:

Dr. Julia Plehnert (TU Darmstadt):

“Conjugate Plateau construction of constant mean curvature surfaces”

Zeit: 15:15 Uhr

Raum: F 426

Interessenten sind herzlich willkommen!

R. Denk, M. Dreher, R. Racke, O. Schnürer

Abstract: Many examples of constant mean curvature (CMC) surfaces in space-forms arise by conjugate Plateau construction. They were studied systematically and classified. Over the past years those techniques were established in homogeneous 3-manifolds. I explain the conjugate Plateau construction by means of an example: A dihedrally symmetric $1/2 - MC$ k -noid of genus 1 in $H^2 \times R$.

(invited by Prof. Dr. Oliver Schnürer)