

UNIVERSITÄT PASSAU
Fakultät für Informatik und Mathematik

EINLADUNG

Herr Prof. Dr. Fabian Wirth
lädt herzlich
zu folgendem Gastvortrag ein:

**Am Dienstag, den 24.10.2017
um 18.00 Uhr
im Hörsaal 13, IM (Innstr. 33)**

spricht

Prof. Dr. Adriano Da Silva
(University of Campinas, Brasilien)

über das Thema

Control systems on flag manifolds

Abstract: In this talk we show how the geometric structures of a semi-simple Lie group G influence the properties of any control system on a flag manifold of G induced by an invariant system. In particular, control and chain control sets can be recovered from the Morse sets associated with the control flow using the works of Braga and San Martin. Furthermore, the Morse and Lyapunov spectrum of the control system can be recovered from the vectorial exponents introduced by Seco and San Martin.