

FREIE UNIVERSITÄT BERLIN
Fachbereich Mathematik und Informatik

Promotionsbüro, Arnimallee 14, 14195 Berlin

D I S P U T A T I O N

Montag, 28. Oktober 2013, 16.00 Uhr

Ort: Takustr. 9, 14195 Berlin, Seminarraum 006

Disputation über die Doktorarbeit von

Frau Olga Katarzyna Streibel

**Thema der Dissertation:
Trend mining**

**Thema der Disputation:
Everything about a trend:
An introduction into trend mining and trend template**

Die Arbeit wurde unter der Betreuung von **Prof. Dr.-Ing. R. Tolksdorf** durchgeführt.

Abstract:

Trend mining based on textual data is a research field at the intersection of Information Retrieval and Data Mining. However, there is none exact definition of what actually trend mining is. Moreover, existing research approaches concerned with trend detection, trend analysis, topic detection and tracking are based on a common, undefined assumption about what in general a trend is.

This presentation is an introduction into trend mining, defined and described in the doctoral thesis with the title "Trend Mining". It shows different perspectives on a trend, concludes a general definition of what is a trend and how trend mining can be defined. Following, it discusses several use cases in which trend mining is necessary and finally it introduces the trend template, a general trend model proposed in the thesis.

Die Disputation besteht aus dem o. g. Vortrag, danach der Vorstellung der Dissertation einschließlich jeweils anschließenden Aussprachen.

Interessierte werden hiermit herzlich eingeladen

Der Vorsitzende der Promotionskommission
Prof. Dr.-Ing. R. Tolksdorf