

A U S H A N G

FREIE UNIVERSITÄT BERLIN Fachbereich Mathematik und Informatik

Promotionsbüro, Arnimallee 14, 14195 Berlin

D I S P U T A T I O N

Montag, 10. Juli 2017, 16.15 Uhr

Ort: Raum 006, Takustr. 9, 14195 Berlin

Disputation über die Doktorarbeit von

Herrn Bingyi Cao

Thema der Dissertation:

**Exploring the use of multi-display-based electronic blackboards
and personal mobile devices in university classrooms**

Thema der Disputation:

The Intellichalk System and Its Use Experience

Die Arbeit wurde unter der Betreuung von **Prof. Dr. M. Esponda-Argüero** durchgeführt.

Abstract: The Intellichalk system is a novel classroom presentation system which not only has the advantages of the traditional blackboard but also absorbs the features of digital systems. This system has been implemented in the classroom as a longterm teaching practice that aims to understand the benefits of the multi-display-based electronic blackboard for teaching. It is also extended to support teacher-student interaction using students' own mobile devices. The extended system has been employed for teaching in both physical and remote classrooms.

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

Interessierte werden hiermit herzlich eingeladen

Die Vorsitzende der Promotionskommission
Prof. Dr. M. Esponda-Argüero