

Invitation to the Oral Examination – Department CS

For the occasion of her examination for a Doctoral Degree,

Ms. Julia Angelika Eggers

will present her dissertation entitled

Digital Transformation of Business Processes: Exploring the Organizational Use of Business Process Technology and Its Implications on Business Process Management

on 14.October 2024 at 16:00 h

Attendance to the presentation is open to the public. The presentation will be in German.

The candidate, all members of the Examination Committee, and authorized examiners of the TUM School of CIT are invited to the presentation and subsequent oral examination.

The presentation and subsequent examination will take place in hybrid form.

In person in room

00.12.019, CIT Sitzungsraum 2, FMI, Boltzmannstraße 3, 85748 Garching

and online via Zoom:

<https://tum-conf.zoom-x.de/j/69463793273?pwd=HUsJ9aet8bqoNTqxBwVQhiRptl1vBT.1>

Meeting-ID: 694 6379 3273

Kenncode: 699876

Examination committee:

Chair: **Prof. Dr. Florian Matthes**

First Examiner: **Prof. Dr. Helmut Krcmar**

Second Examiner: **Prof. Dr. Luise Pufahl**

Third Examiner: **Prof. Dr. Michael Dowling, Universität Regensburg**

Garching, October 04, 2024

Mailing list:

Members of the examination committee

Doctoral candidate

Abstract:

This dissertation examines the organizational use of business process technologies, esp. process mining, robotic process automation and distributed ledger technology, and their impact on business process management.

Antecedents for using the technologies, implications for business process management, and effects on understanding and designing business processes are highlighted. Finally, three shifts from traditional to modern IT-driven business process management are discussed.