

Invitation to the Oral Examination – Department CS

For the occasion of his examination for a Doctoral Degree,

Lorenz Graf-Vlachy

will present his/her dissertation entitled

Understanding Software Engineering Practice and Research Through Archival Data

on

April 24, 2026 at 14:00 h

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

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 in room **D2.05 in Bildungscampus 2, Heilbronn** and online via:

<https://teams.microsoft.com/meet/395527205205027?p=ucqeqCwTcye8JQHF9Z>
Besprechungs-ID: 395 527 205 205 027
Passcode: cf3Pp9ma

Examination committee:

Chair: **Prof. Dr. Hartwig Anzt**

First Examiner: **Prof. Dr. Stefan Wagner**

Second Examiner: **Prof. Dr. Daniel Graziotin**

Third Examiner: **Prof. Dr. Bogdan Vasilescu**

Heilbronn, the **April 6th, 2026.**

Mailing list:

Members of the examination committee

Doctoral candidate

Abstract:

This dissertation contributes to the understanding of software engineering practice and research through the analysis of archival data. First, it provides insights into the relationship between developer personality and technical debt. Second, it analyzes article- and author-level drivers of citations to software engineering articles as well as the research output of geopolitical blocs. Third, it introduces the econometric technique of instrumental variable regression to software engineering.