

Invitation to the Oral Examination – Department CS

For the occasion of his examination for a Doctoral Degree,

Mr. Norman Müller

will present his dissertation entitled/on

Generative Models on 3D Representations

on **Tuesday, 14th of April 2026 at 11:30 am (CET)**

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 place hybrid:

online via BBB

<https://bbb.cit.tum.de/rooms/fue-ywm-pjf-h5k/join>

In person:

Room **00.10.011**

CIT-Building, Boltzmannstr. 3, 85748 Garching

Examination committee:

Chair: **Prof. Rüdiger Westermann**

First Examiner: **Prof. Matthias Nießner**

Second Examiner: **Prof. Lourdes Agapito, UCL**

Garching, the 2nd of April, 2026

Mailing list:

Members of the examination committee

Doctoral candidate

Abstract:

The ability to generate virtual objects or entire worlds holds immense promise across various domains, including extended reality (XR), robotics, and game and movie production.

Enabling users to synthesize digital replicas from a handful of photographs or generate new assets based on textual or visual descriptions paves the way for innovative forms of virtual interaction, communication, and creative processes.