

Faculty of Engineering | Martensstraße 5a, 91058 Erlangen

To  
all professors of the faculty  
- Mr. Prof. Dr.-Ing. Günther, LS Inf. 9  
- Mr. Prof. Dr. Rüde, LS Inf. 10  
- Mr. Prof. Dr. Bunge, Ludwig-Maximilian-Universität  
- Mr. Mr.Prof. Dr. MacLachlen, Memorial University of Newfoundland  
- Mrs. Prof. Dr.-Ing. Leyendecker, LS LTD  
- Mr. Kohl

**Office of Doctoral Affairs**

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Ihr Zeichen: lyuxy

Erlangen, 26/04/2024

**Doctoral Examination of Mr. Nils Kohl**

**Nomination of the Examination Council and Invitation to the Oral Examination**

Supervising Institute: Systemsimulation

Dear Sir or Madam,

As a part of his doctoral examination, **Nils Kohl** will give a half-hour lecture on the topic: **"Massively Parallel Algorithms and Data Structures for Extreme-Scale Matrix-Free Simulations on Hybrid Tetrahedral Grids"**.

**Date and Time: 07 Mai 2024, 2:00 PM**

**Venue: Raum, 01.255-128, Cauerstraße 11, 91058 Erlangen**

The lecture will be followed by a 15 minutes discussion. Both the lecture and discussion are open to the public. A viva voce, closed to the public and lasting 45 minutes, will then take place.

The examination council consists of the following professors:

|                            |                  |
|----------------------------|------------------|
| Prof. Dr.-Ing. Günther     | Chairperson      |
| Prof. Dr. Rüde             | 1. Reviewer      |
| Prof. Dr. Bunge            | 2. Reviewer      |
| Prof. Dr. MacLachlen       | 3. Reviewer      |
| Prof. Dr.-Ing. Leyendecker | Further Examiner |

The examination will only take place if the entire examination council is present at the exam and if there are no objections during the two-week period of display.

Kind regards,

gez. Graichen

Professor Dr.-Ing. Knut Graichen  
Dean of Study