Invitation to the Oral Examination – Department [CS / CE / EE / MATH]

For the occasion of his/her examination for a Doctoral Degree,

Tianlun Hu

will present his dissertation entitled

Network Slicing with Reinforcement Learning and Transfer Learning

on **26** of **November 2024** at **14:15 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 place online via [conference system]: **Zoom**.
https://tum-conf.zoom-x.de/j/65170232267?pwd=5QaSP6eO8tL7bnD6dtwvJzBnJFAX6Y.1
Meeting-ID: 651 7023 2267 Kenncode: 595294

Examination committee:

Chair: **Prof. Dr. Chunyang Chen ,TUM Campus Heilbronn**

First Examiner: **Prof. Dr.-Ing. Georg Carle , TUM**

Second Examiner: **Assistant Prof. Qiang Liu, University of Nebraska-Lincoln**

Third Examiner: **[XX]**

Heilbronn/Garching, the **13** of **November 2024**

Mailing list:

Members of the examination committee

Doctoral candidate

Abstract:

Network slicing, a pivotal aspect of 5G and beyond, allows operators to configure virtual network instances tailored to diverse services with specific requirements. However, achieving efficient slice-aware radio resource scheduling poses challenges due to complex inter-cell dependencies, inter-slice resource constraints, and service-specific needs.