

KIT CAMPUS SOUTH (UNIVERSITY) Site map



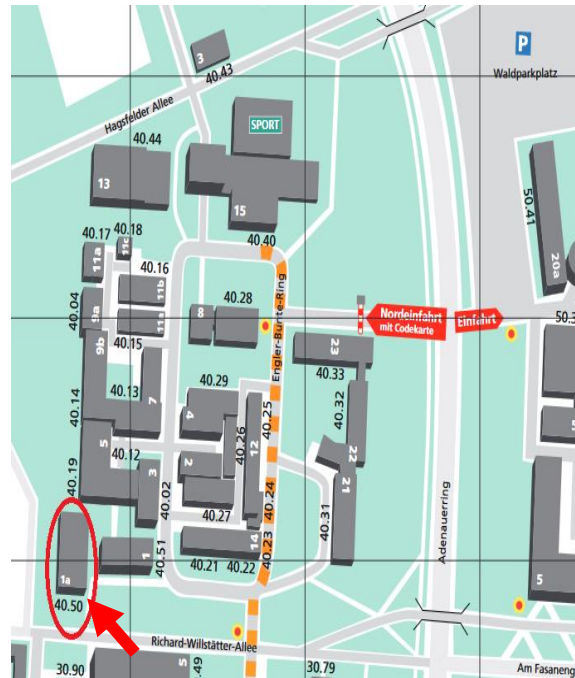
How to get to the KIT Campus South:

A description of how to get to the KIT Campus South can be found under the link:

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KIT CAMPUS SOUTH (UNIVERSITY) Detailed Map, lecture hall EBI



Please register before August 16th, 2023

Return address/contact:

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1st SINO-GERMAN Offshore Geotechnics Workshop

„From installation to end-of-life of
monopile foundations“

INSTITUTE OF SOIL MECHANICS
AND ROCK MECHANICS

September 8th, 2023

KIT Campus Süd

Building 40.50 (Lecture Hall EBI)

Engler-Bunte-Ring 1, 76131 Karlsruhe



In this workshop, internationally recognized and young colleagues will be gathered to provide an insight into their research on the topic of Offshore Geotechnics.

This workshop is part of the SINO-GERMAN Mobility Programme, whose objective is to develop, validate and compare constitutive models and numerical methods for driven piles from installation to long-term serviceability. The project is a joint project with KIT, the RUB University Bochum, Germany and the Zhejiang University, Hangzhou, China.

Programme

September 8th, 2023

08:30 a.m. Registration

09:00 a.m. **Welcome Address/
Opening Remarks**
Prof. Hans Henning Stutz (KIT/IBF)

09:15 a.m. **Invited Speaker:**
Prof. Federico Pisanò
(NGI/TU Delft):
“Gentle Driving of Piles (GDP) and post-installation behaviour: field observations and numerical modelling”

10:00 a.m. **Invited Speaker:**
Dr. Benjamin Cerfontaine,
(University of Southampton):
“Silent piling for offshore renewable energy”

10:45 a.m. **Coffee break**

11:00 a.m. **Invited Speaker:**
Prof. Richard Jardine,
(Imperial College London):
“Outcomes from the ALPACA Joint Industry Projects’ research into the behaviour of piles driven in low-to-medium density chalk”

11:45 a.m. **Invited Speaker:**
Prof. Lizhong Wang
(Zhejiang University):
“OWT structure behaviour in typhoon-prone area”

12:30 p.m. **LUNCH**

1:30 p.m. **Invited Speaker:**
Prof. Bitang Zhu
(East China Jiaotong University):
„Limiting force profile of lateral loaded piles and progress in large-scale laboratory tests on monopiles“

2:15 p.m. **Invited Speaker:**
prof. David Mašín
(Charles University, Prag):
“to be announced”

3:00 p.m. **Coffee break”**

3:30 p.m. **Invited Speaker:**
M.Sc. Nils Hinzmänn (BAW, Hamburg):
Preliminary title: “Geotechnical Challenges of Monopile Decommissioning”

4:15 p.m. **M.Sc. Lucian Canales Brenlla (RUB):**
“By-hand vs. automated calibration of HCA parameters and its effect on predicted long-term monopile deformations”

5:00 p.m. **M.Sc. Luis Mugele (KIT/IBF):**
“Neohypoplasticity revisited“

5:45 p.m. **Closing remarks by Prof. Stutz/
END of the workshop**

The participation fee of € 75,00/person includes lunch and coffee break costs as well as copies of the workshop abstracts which will be distributed to the participants on registration.

We recommend bank transfer to the account KIT Karlsruhe LBBW/BW Bank, IBAN: DE 44 6005 0101 7495 5001 49, BIC/SWIFT: SOLADEST600 as soon as possible to ensure participation on the first-come-first-served basis.

It is very important that you indicate the following reference: “02.029830012 - SINO-GERMAN” in your bank transfer so that the amount can be booked correctly.
