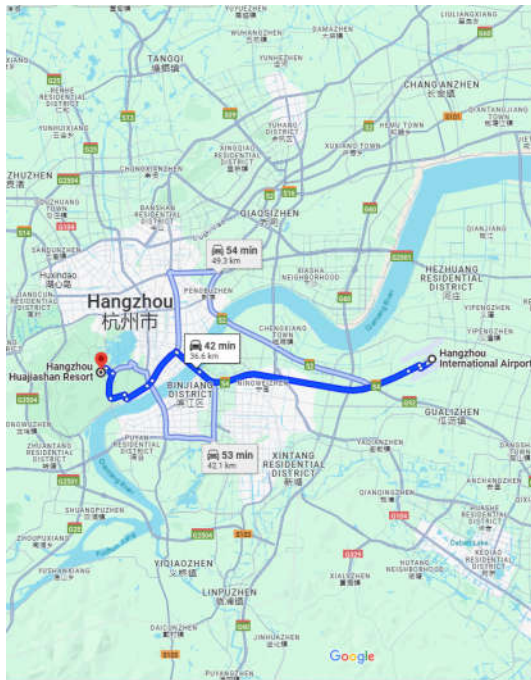


Hangzhou Huajiashan Resort Site Map

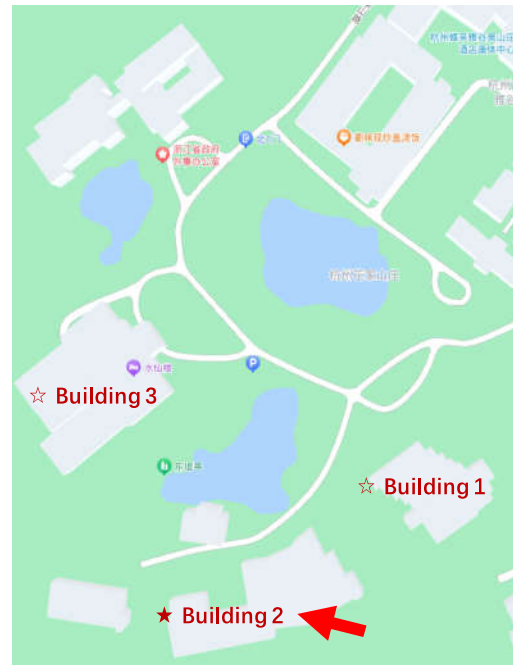


How to get to Huajiashan Resort

A description of how to get to the Hangzhou Huajiashan Resort can be found from the following link:

<https://huajiashan-resort.hangzhouhotel.org/en/#map>

Hangzhou Huajiashan Resort Detailed Map (Dujan Hall, Building 2)

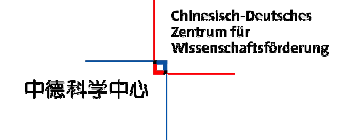


Return address/contact

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2nd SINO-GERMAN Offshore Geotechnics Workshop

“Lifecycle performance of offshore
wind turbine piles”

Computing Center for Geotechnical Engineering
Center for Balance Architecture, Zhejiang University

August 19th, 2024

Huajiashan Resort

Dujan Hall (3rd Floor, Building 2)

No. 25 Santaishan Road

Hangzhou 310007, China



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 Zhejiang University, China, Karlsruhe Institute of Technology, and Ruhr-Universität Bochum, Germany.

Programme

August 19th, 2024

08:30 a.m. **Registration**

09:00 a.m. **Welcome Address/
Opening Remarks**
Prof. Zhongxuan Yang (ZJU) &
Prof. Hans Henning Stutz (KIT)

09:15 a.m. **Invited Speaker**
Prof. Frank Rackwitz (TU Berlin)
*"Vibratory and impact driven installation
of monopiles - challenges and findings
from experimental tests and numerical
modelling"*

10:00 a.m. **Invited Speaker**
Prof. Jun Yang (HKU)
*"Dynamics of large offshore wind
turbines founded on monopiles"*

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

11:00 a.m. **Invited Speaker**
Prof. Sascha Henke
(Helmut-Schmidt-Universität)
*"Research on soil-plugging phenomenon
in sand and clay"*

11:45 a.m. **Invited Speaker**
Prof. Youhu Zhang
(Southeast University)
*"p-y curves for laterally loaded monopile
foundations in sand"*

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

14:00 p.m. **Invited Speaker**
Prof. Torsten Wichtmann (RUB)
*"Prediction of long-term deformations of
offshore monopile foundations using a
high-cycle accumulation model"*

14:45 p.m. **Invited Speaker**
Prof. Haoyuan Liu (Beihang University)
*"Accounting for effects of cyclic loading
in design of offshore wind turbine
monopile foundations"*

15:30 p.m. **Coffee Break**

15:45 p.m. **Invited Speaker**
Prof. Zhenhao Shi (Tongji University)
*"Evaluating installation, short- and long-
term tensile behavior of offshore bucket
foundation"*

16:30 p.m. **Invited Speaker**
Prof. Zheng Hu (Sun Yat-sen University)
*"Macro-micro mechanism of local scour
around offshore pile and active scour
countermeasures"*

17:15 p.m. **Invited Speaker**
Mr. Luis Mugele (KIT)
*"The generalized intergranular strain
concept to simulate cyclic deformations"*

18:00 p.m.

**Closing Remarks/
END of the Workshop**
Prof. Zhongxuan Yang (ZJU) &
Prof. Hans Henning Stutz (KIT)
