10th Chinese-German Joint Symposium on Hydraulic and Ocean Engineering (CGJoint 2020)

Hamburg University of Technology
30 August – 05 September 2020

- First Announcement -

Background:
Coastal and ocean areas are constantly changing. The present appearance of coastal and ocean systems is a result of active stressors and resilience of the individual system, where human interferences and impacts play an important role. It is common sense that a good ecologic status and a natural appearance of coasts and oceans is valuable and has to be in balance with other uses and hazard protection measures. Working with nature was and is therefore necessary in hydraulic, coastal and ocean engineering and approaches like nature based solutions, building with nature, green-infrastructures have emerged in the last decade(s). In parallel, Climate Change and Climate Change related changes of coastal and ocean stressors as well as mitigation of and adaptation to climate change is of great importance in Hydraulic, Coastal and Ocean Engineering.

During the first Chinese-German Joint Symposium in 2000, which was jointly initiated by Hohai University, Nanjing, NCKU, Tainan and Rostock University, a memorandum was signed where a regular, bi-annual series of the Chinese – German Joint Symposia was agreed on. Based on this regular exchange, the co-operation has been deepened by several joint research activities including the exchange of scientists and students, collaboration in joint research projects and the exchange on engineering projects. It is expected that more collaborative results will be presented in the joint symposium to be held in Tainan, again.

CGJoint 2020 will focus on four challenges addressed above. Other more general topics are also of interest. The topics are listed below.

Key Topics:
- Climate Change
- Nature based solutions / building with nature
- Hazard mitigation and sustainable development of coastal areas
- Ocean renewable energy

General Topics:
- Coastal and estuarine hydrodynamics
- Wave theories and wave modeling
- Sediment transport and beach processes
- Coastal and ocean engineering structures
- Life-cycle management of coastal and ocean engineering structures

Language: English

Important Dates:
Dec. 01, 2019  First announcement and call for papers
Jan. 31, 2020  Deadline "Expression of Interest" and Submission of Title of Contribution
Feb. 15, 2020  Submission of 0.5 page abstract
Feb. 28, 2020  Information on acceptance
Jun. 30, 2020  Deadline of submission of extended abstracts
Sep. 03, 2020  Information of authors on publication of contribution in an International Journal

Venue: Hamburg University of Technology

Host: Hamburg University of Technology (TUHH)

Please submit your expression of interest and contribution title to corresponding coordinators:
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