

Wednesday 17.10.2018

08:30 09:30 Registration
09:30 09:40 Welcome

Opening session:

Chair: Jürgen Jensen

09:40 10:40 **Keynote:** A general introduction on tides, causes, characteristics etc. Ivan D. Haigh

10:40 11:10 Coffee break

SESSION A-I: Past Changes in Tides

Chair: Philip L. Woodworth

11:10 12:10 **Keynote:** Paleo Timescale Tidal Changes Mattias Green
12:10 12:30 Influence of estuarine and coastal morphology on tidal characteristics of adjacent coastal waters Krischan Hubert
12:30 12:50 Examples of morphodynamic equilibria in coastal settings Christian Winter

12:50 14:00 Lunch break

SESSION A-II: Past Changes in Tides

Chair: Déborah Idier

14:00 15:00 **Keynote:** 19th, 20th, early 21st Century Changes Philip L. Woodworth
15:00 15:30 Update of observed tidal changes in the North Sea Leon Jänicke
15:30 15:50 Tidal changes in the German Bight and potential drivers Andra Ebener
15:50 16:10 Changing dynamics and climate change impacts for the west coast of Denmark Carlo Sass Sørensen

16:10 17:30 Discussion

Thursday 18.10.2018

SESSION B-I: Potential Mechanism Causing Tidal Changes

Chair: Arne Arns

09:00	10:00	Keynote: Local scale	David Jay
10:00	10:20	Fine-resolution modelling of tides in the North Sea	Thomas Pohlmann
10:20	10:50	Weather-related tides and how they contribute to tidal analysis	Joanne Williams

10:50 11:10 Coffee break

SESSION B-II: Potential Mechanism Causing Tidal Changes

Chair: Sönke Dangendorf

11:10	12:10	Keynote: Regional to Global Scale	Malte Müller
12:10	12:30	Assessing changes in large-scale factors potentially influencing tidal ranges in the German Bight	Xing Yi & Ralf Weisse
12:30	12:50	Precise numerical modeling of tidal responses to present-day sea level rise	Michael Schindelegger

12:50 14:00 Lunch break

14:00 16:00 Hamburg Harbour tour

19:00 - Dinner at the "StrandPauli" Beachclub

Friday 19.10.2018

SESSION C-I: Future Changes in tides and Implications

Chair: Ralf Weisse

09:00	10:00	Keynote: Predictions of Future Changes	Déborah Idier
10:00	10:30	Persistent acceleration in global sea-level rise since the 1970s	Sönke Dangendorf

10:30 11:00 Coffee break

SESSION C-II: Future Changes in tides and Implications

Chair: David Jay

11:00	11:45	Potential Implications for the Western Frisian North Sea	Andreas Wurpts
11:45	12:30	Potential Implications for the Northern German Bight (Schleswig-Holstein).	Jacobus Hofstede
12:30	13:00	Impact of sea level rise on tidal characteristics in the German Bight depending on the representation of coastal bathymetry	Caroline Rasquin, Benno Wachler & Rita Seiffert

13:00 14:00 Lunch break

Open discussion on potential research topics and future collaborations

Chair: Ivan D. Haigh

14:00 15:00

15:00 15:10 Closing statements and Coffee