### Schedule - ICBM Summer School 2017

#### WEEK 1

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<th>SAT</th>
<th>SUN</th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
<th>THU</th>
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**morning**

- 9:00 Introduction
  Köster, JFreund
- 10:00 Excursion
  Köster/JFreund
- 11:00 Lecture
  Intro sampling, safety
  Badewien
- 8:00 meeting
  8:30-15:00
  Boat tour on Jade
  Sampling, data acquisition
- 9:00 Lecture
  Intro Matlab
  JFreund
- 10:30 Lecture
  How to measure Biodiversity?
  Ryabow

**afternoon**

- Arrival WHV
  Registration
  Pick up service from 13:00
- Intro Data Processing
  JFreund
- Intro R
  JFreund
- Intro to R
  Schulz
- Lecture
  Data analysis
  JFreund
- Lecture
  Data analysis
  Ryabow
- Tutorial Biodiversity
  Ryabow, Lewandowska

**evening**

- Welcome meeting 18:00
  Dinner 18:30
- Student self presentations?
- Student self presentations?
- dinner self-catering
- dinner self-catering
- Barbecue?
- dinner self-catering or Spiekeroog
- General

#### WEEK 2

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**morning**

- 9:00 Lecture
  Hydrodynamic modeling
  Lettmann
- Excursion time series
  station aand Spiekeroog
  by boat (Otzum)
  Köster, Badewien, JFreund
  High tide 12:45
  Low tide 19:11
- 10:00 Exercise
  Blasius
- 10:30 Lecture
  Ecosystem modelling
  Kohlmeier
- 11:00 Lecture
  Network Analysis
  Feenders
- 13:00 Lecture
  Network Analysis
  Feenders
- Tutorial Ecosystem
  modelling
  From hare and lux to the
  North Sea
  Kohlmeier
- Lecture
  Project work in groups
  all lecturers
- 9:00 Transfer to Oldenburg
- 10:00-12:15
  visit ICBM and lab tours
- 7:30 Departure
  Neuharlingersiel
- 11:00-17:30 Spiekeroog
  20:00 Return
- 13:00 Synopsis,
  presentations by
  participants
- 14:30 Feedback, Farewell
  all lecturers
- 16:00 Return WHV
- 18:30 pub

**afternoon**

- Tutorial Hydodynamics
  Lettmann
- Cultural programme,
  visit of local events or at
  free disposal
  Köster, JFreund, NN
- Excursion
  Köster, Badewien, JFreund
- Tutorial Ecohydrology
  on Jade
- Excursion
  Köster/JFreund
- Tutorial
  Data anaysis
  JFreund
- Tutorial
  Data anaysis
  JFreund
- Clean up
- Farewell
  Departure from WHV or
  transfer to OL

**evening**

- dinner self-catering
- dinner self-catering
- dinner self-catering
- dinner self-catering
- dinner self-catering
- 16:00
- return to WHV

### Main topic

- Hydrodynamics
  SPI LW 6:46, HW 12:39,
  LW 19:13
- Culture/relax
  SPI LW 5:13, HW 11:11,
  LW 17:50
- Excursion
  SPI LW 9:28, HW 15:21
- Networks
  Ecological modelling
- ??
- Synopsis

### Lunch/Dinner

- Boat
  day pack or Spiekeroog
- Lunch
  Fischereigenossenschaft
- Dinner
  to order (pizza)
- Welcome meeting 18:00
  Dinner 18:30
- Tour OL city
- Welcome
  meeting 18:00
  Dinner 18:30
- Departure WHV or
  transfer to OL

### Versions

- Aug 1, 2017
- Aug 1, 2017