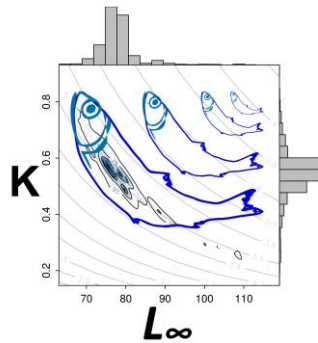


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## Kick-off Workshop

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### Working Group on Length-Based Methods for Population Studies and Stock Assessment



# May 28-30, 2018

Leibniz-Zentrum für Marine Tropenforschung (ZMT) GmbH  
Fahrenheitstraße 6, 28359 Bremen

#### Preliminary Schedule

Dates: May 28-30

Venue: ZMT Bremen

Hosts: Matthias Wolff (ZMT Bremen, Germany) and Ralf Schwamborn (UFPE, Recife, Brazil)

Organizers: Matthias Wolff (ZMT Bremen, Germany), Ralf Schwamborn (UFPE, Recife, Brazil), Marc Taylor (Thünen Institute, Germany), Tobias Mildenerger (DTU, Denmark), Rainer Froese (GEOMAR, Kiel, Germany), Deng Palomares (UBC, Canada), Daniel Pauly (UBC, Canada).

**MON 28**

19:00

**Informal get-together at Restaurant Haus am Walde (near ZMT)**

**TUE 29**

09:00

**Welcome** – M. Wolff, D. Pauly, R. Schwaborn

09:10

**Rationale for creating the working group: Why do we need a Working Group on Length-Based Methods?** – R. Schwaborn

09:30

**Stomping Down Memory Lane: the Why and How of ELEFAN** – D. Pauly

10:00

**Introduction to TropFishR** – T. Mildenerger

10:30

**Coffee/Tea break**

11:00

**The Why and How of ELEFAN in R** – M. Taylor

11:30

**Bootstrapped fish stock assessment with length-frequency data** – T. Mildenerger, M. Taylor

12:00

**Size-based indicators for stock assessment in data-poor fisheries** – R. Froese

12:00

**Lunch break**

14:00-17:00

**Round table**

- Discussion of emerging approaches
- Ideas for future collaborative projects

**WED 30**

- 9:00                    **Public lecture: Fish must breathe: How temperature and dissolved oxygen shape their biology** – D. Pauly
- 10:00                   **New Length-Based Methods for Population Studies and Stock Assessments: Open your Minds – And your Confidence Intervals** – R. Schwaborn
- 11:00                   **State of the art of stock assessment methods and frameworks used in European waters** – M. Taylor, T. Mildenberger
- 12:00                   **Consequences of the use of small – meshed gillnets for the sustainability of fisheries** – M. Wolff
- 12:30                   **Lunch break**
- 13:30                   **Performance evaluation of novel length-based assessment tools**  
– L. Chong/M. Staebler