

## **Session Program**

**18-20 Jul 2023**



## **Meeting AMOC Observation Needs in a Changing Climate**

### **Lightning poster**

UHH; Institute of Oceanography, Room 022/023  
Bundesstr. 53 20146 Hamburg

## Tuesday 18 July

14:30

### Lightning poster: Posters

**Session** | **Location:** UHH; Institute of Oceanography, Room 022/023, Bundesstr. 53 20146 Hamburg

14:30-14:33

#### Mechanism on the short-term AMOC variability

**Speaker**

Lei Han

**Location**

14:33-14:36

#### Observing the oxygenation of the Denmark Strait Overflow Water in the Irminger Basin

**Speaker**

Hiroki Nagao

**Location**

14:36-14:39

#### The Seasonal cycle of the eastern boundary currents of the North Atlantic Subtropical Gyre

**Speaker**

M. Dolores Pérez Hernández

**Location**

14:39-14:42

#### A Lagrangian study on the structure and pathways of the Irminger Current

**Speaker**

Nora Fried

**Location**

UHH; Institute of Oceanography, Room 022/023, Bundesstr. 53 20146 Hamburg

14:42-14:45

#### Variability of Subpolar Mode Water in the Subpolar North Atlantic

**Speaker**

Ilaria Stendardo

**Location**

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14:45-14:48

#### An updated analysis of the Freshwater Transport by the Atlantic Meridional Overturning Circulation at nominally 34.5°S

**Speaker**

Cristina Arumí Planas

**Location**

14:48-14:51

#### Zonal Circulation in the North Atlantic Ocean at 52°W from WOCE-WHP and CLIVAR sections: 1997, 2003 and 2012

**Speaker**

Daniel Santana-Toscano

**Location**

14:51-14:54

**Mid-20th Century Atlantic Circulation informed by Modern Observations and Models****Speaker**

Guillaume HUG

**Location**

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14:54-14:57

**AMOC change in recent time-Model and observation perspective****Speaker**

Emmanuel Eresanya

**Location**

14:57-15:00

**How good should the initial conditions for decadal climate predictions be in terms of the Atlantic meridional overturning circulation?****Speaker**

Dr Iuliia Polkova

**Location**

UHH; Institute of Oceanography, Room 022/023, Bundesstr. 53 20146 Hamburg

15:00-15:03

**The importance of the subpolar continental shelves to the large-scale overturning circulation****Speaker**

Nicholas Foukal

**Location**

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15:03-15:06

**Thirty years of GO-SHIP and WOCE data: Atlantic overturning of mass, heat, freshwater, and anthropogenic Carbon transport****Speaker**

Verónica Caínzos

**Location**

UHH; Institute of Oceanography, Room 022/023, Bundesstr. 53 20146 Hamburg

15:06-15:09

**Understanding the decreasing transport of the Deep Western Boundary Current within a steady AMOC****Speaker**

Gregory Koman

**Location**

UHH; Institute of Oceanography, Room 022/023, Bundesstr. 53 20146 Hamburg

15:09-15:12

**Enhancing observational mooring arrays for next generation biogeochemical measurements**

**Speaker**

Dr Pete Brown

**Location**

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15:12-15:15

**Hydrographic properties of the Denmark Strait Overflow****Speaker**

Sunke Trace-Kleeberg

**Location**

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15:15-15:18

**The weakening AMOC under extreme climate change****Speaker**

Gaurav Madan

**Location**

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15:18-15:21

**Upper Ocean Transport in the Anegada Passage from Multi-Year Glider Surveys****Speaker**

Joe Gradone

**Location**

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15:21-15:24

**Cross-shelf exchanges between the East Greenland shelf and interior seas****Speaker**

Elodie Duyck

**Location**

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15:24-15:27

**Explaining and Predicting the Ocean Conveyor****Speaker**

Eleanor Frajka-Williams

**Location**

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15:35