

Second Dry Run 25.02.2025

Report of Contributions

Contribution ID: 16

Type: **not specified**

Developing meereisportal.de to a central knowledge-transfer platform at AWI and in POF IV

(10' min pres. + 15' min disc.)

Presenters: GROSFELD, Klaus; TREFFEISEN, Renate

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 & 7

Contribution ID: 17

Type: **not specified**

How to make transfer activities visible?

AWI ELEMENTS as our new central data store

Presenter: STARMANS, Andreas

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 & 7

Contribution ID: 20

Type: **not specified**

"Transfer-Bowl" Session

Transfer components in projects are of increasing importance to successfully obtain external funding from the EU and other major donors.

In this session we would like to discuss challenges and win-win options of transfer activities to strengthen the societal relevance of large-scale projects .

You can expect some lightning talks and best-practice examples from the following projects:

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 & 7

Contribution ID: 23

Type: **not specified**

How science can inform policy: from a WWF commissioned study to the UN Plastics Treaty negotiations

(10' min pres. + 15' min disc.)

Presenter: BERGMANN, Melanie

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 & 7

Contribution ID: 24

Type: **not specified**

Bridging the gap between basic climate research and application

(10' min pres. + 15' min disc.)

Presenters: IONITA-SCHOLZ, Monica; PRECHT, Elimar

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 & 7

Contribution ID: 25

Type: **not specified**

Arctic PASSION - Pan-Arctic Observing System of Systems

Presenter: KARCHER, Michael

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 & 7

Contribution ID: 37

Type: **not specified**

Closure of the Science Week 2023

Outlook Scientific Evaluation

Primary author: JUNG, Thomas

Presenter: JUNG, Thomas

Session Classification: Topic Breakout Groups

Contribution ID: 41

Type: **not specified**

If: The key to good data science lies in data workflows, standards and data infrastructure.

How can we integrate and establish standardised data workflows for processing and managing data to enhance data science within POF? How can we provide adequate time, sustainable resources and expertise for this, both individually and as a research community?

Presenter: SCHAEFER, Angela

Session Classification: Breakout Sessions

Contribution ID: 43

Type: **not specified**

Ic: Incubator Projects

Better awareness of the incubator's services

Presenter: KLEINHAUS, David

Session Classification: Breakout Sessions

Contribution ID: 44

Type: **not specified**

Ia: Globus

Presenter: LOHMANN, Gerrit (AWI)

Session Classification: Breakout Sessions

Contribution ID: 50

Type: **not specified**

Ih:„Record low Antarctic sea ice in 2023“

In 2023, Antarctic sea ice reached the lowest ever recorded summer minimum extent and many regions remained almost ice free in austral fall and winter, resulting in massive negative anomalies that have not been observed so far. In this session, we would like to discuss the potential drivers and consequences of this dramatic sea ice loss from an interdisciplinary perspective, ranging from atmospheric, to cryospheric and oceanic processes, and from physical to biogeochemical, and ecosystem considerations.

Presenters: HAUMANN, Alexander; ARNDT, Stefanie

Session Classification: Breakout Sessions

Contribution ID: 52

Type: **not specified**

Ii: AWI Elements "Consultation Hour"

Since November 2022 the new research information system "AWI Elements" is available to all AWI staff (<https://elements.awi.de>). AWI Elements offers scientists a variety of options for collecting, documenting and consolidating research information.

In this breakout session we will introduce the basic features of AWI Elements and give practical advice on how to fill your scientific profile pages with data (e.g. import publications and metadata, fill in your professional scientific and transfer activities, display information about your research on internal personal profile pages, export option for individual purposes such as CVs).

Presenter: STARMANS, Andreas

Session Classification: Breakout Sessions

Contribution ID: 54

Type: **not specified**

Ila: tbd

Session Classification: Breakout sessions

Contribution ID: 56

Type: **not specified**

Ilc: tbd

Session Classification: Breakout sessions

Contribution ID: **61**

Type: **not specified**

Iib: tbd

Session Classification: Breakout sessions

Contribution ID: **66**

Type: **not specified**

Research Program

Research Program

Presenter: BOETIUS, Antje

Contribution ID: **113**

Type: **not specified**

Group picture

Please turn on your camera if you would like to be on the picture.

Session Classification: Breakout Sessions

Contribution ID: 118

Type: **not specified**

Advanced Prediction in Polar regions and beyond: APPLICATE - Modelling, observing system design and Linkages associated with ArctiC ClimATE change

Presenter: JUNG, Thomas

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 & 7

Contribution ID: **119**

Type: **not specified**

tbd

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 & 7

Contribution ID: **120**

Type: **not specified**

tbc

(20' min pres. + 20' min disc.)

Session Classification: Breakout Sessions

Contribution ID: **121**

Type: **not specified**

tbc

(15' min pres. + 5' min disc.)

Session Classification: Breakout Sessions

Contribution ID: 122

Type: **not specified**

Advancing permafrost monitoring in Arctic communities: The Citizen Science project UndercoverEisAgenten

(15' min pres.+ 5' min disc.)

Presenter: LANGER, Moritz

Session Classification: Plenary VI

Contribution ID: **123**

Type: **not specified**

tbc

(15' min pres. + 5' min disc.)

Session Classification: Breakout Sessions

Contribution ID: **124**

Type: **not specified**

T-Bird

(10' min pres.+ 5' min disc.)

Primary authors: RITTER, Christoph; HERBER, Andreas (AWI)

Presenters: RITTER, Christoph; HERBER, Andreas (AWI)

Session Classification: Plenary IV

Contribution ID: 125

Type: **not specified**

"Modern temperatures in central-north Greenland warmest in past millenium"

(15' min pres.+ 5' min disc.)

Presenter: HOERHOLD, Maria

Session Classification: Plenary VI

Contribution ID: 126

Type: **not specified**

Mother knows best: does non-genetic inheritance affect stickleback response to temperature fluctuation and heatwaves?

(7' min pres. + 5' min disc.)

Presenter: SPENCE-JONES, Helen

Session Classification: Plenary III

Contribution ID: **127**

Type: **not specified**

Topic 4

(15' min pres.)

Session Classification: Storyline Talks

Contribution ID: **128**

Type: **not specified**

Dissecting physiological temperature responses in Arctic phytoplankton

(7' min pres. + 5' min disc.)

Presenter: REHDER, Linda

Session Classification: Storyline Talks

Contribution ID: **129**

Type: **not specified**

Laboratory Simulation of Permafrost Coastal Erosion

(7' min pres. + 5' min disc.)

Presenter: GIMSA, Justus

Session Classification: Plenary III

Contribution ID: 130

Type: **not specified**

Estimating the global ocean CO₂ uptake: Data assimilation into an ocean biogeochemical model

(7' min pres. + 5' min disc.)

Presenter: BUNSEN, Frauke

Session Classification: Storyline Talks

Contribution ID: 131

Type: **not specified**

Modeling the Potential of Introducing New Suitable and Reliable Technology for Open Water Aquaculture in German Bight

(7' min pres. + 5' min disc.)

Presenter: OLADOKUN, Sulaiman Olanrewaju

Session Classification: Plenary III

Contribution ID: 132

Type: **not specified**

Primary production and vitamin and trace metal dynamics in the South Weddell Sea and around A74

(10' min pres. + 3' min disc.)

Primary author: KOCH, Florian (AWI)

Presenter: KOCH, Florian (AWI)

Session Classification: Storyline Talks

Contribution ID: 133

Type: **not specified**

Sea ice reconstruction along the Antarctic continental margin

(7' min pres. + 5' min disc.)

Presenter: KHOO, Wee Wei

Session Classification: Plenary III

Contribution ID: 134

Type: **not specified**

Using texture-based segmentation of historical and recent satellite imagery to quantify permafrost degradation in gully-dominated landscapes in the Russian High Arctic

(7' min pres. + 5' min disc.)

Presenter: INAUEN, Cornelia

Session Classification: Plenary III

Contribution ID: 135

Type: **not specified**

Carbon transformation and injection with dense waters from the southern shelf into the Weddell Sea basin

(7' min pres. + 5' min disc.)

Presenter: ROGGE, Andreas

Session Classification: Storyline Talks

Contribution ID: **136**

Type: **not specified**

Topic 1 Storyline Talk

(5' min pres. + 5' min disc.)

Session Classification: Storyline Talks

Contribution ID: 137

Type: **not specified**

The iron redox battery in permeable sandy sediments of the North Sea

(10' min pres. + 3' min disc.)
online presentation

Primary author: ZHOU, Zhe (AWI)

Presenter: ZHOU, Zhe (AWI)

Session Classification: Storyline Talks

Contribution ID: 138

Type: **not specified**

How climate change affects phytoplankton community composition: investigating drivers and mechanisms through micro- and mesocosm experiments

(10' min pres. + 3' min disc.)

Primary author: AHME, Antonia (AWI)

Presenter: AHME, Antonia (AWI)

Session Classification: Storyline Talks

Contribution ID: 139

Type: **not specified**

KEYNOTE: The search for the wreck of the Endurance: A mission on historical traces and recent scientific sea ice data

(30' min pres.+ 10' min disc.)

Presenter: ARNDT, Stefanie

Session Classification: Plenary VI

Contribution ID: **141**

Type: **not specified**

3d print

(10' min pres.+ 5' min disc.)
online presentation

Primary author: BALZ, Leonard (AWI)

Presenter: BALZ, Leonard (AWI)

Session Classification: Plenary IV

Contribution ID: **142**

Type: **not specified**

Intro

Breakout sessions wrap up

Presenter: WILDE, Martina (AWI)

Session Classification: Topic Breakout Groups

Contribution ID: 143

Type: **not specified**

Ib: Intersecting Pathways: Biology Meets Climate

Presenter: LOHMANN, Gerrit

Session Classification: Topic Breakout Groups

Contribution ID: 144

Type: **not specified**

Ie: Land-ocean reseach in the Mackenzie/Beaufort Sea region

Presenter: MOLLENHAUER, Gesine

Session Classification: Topic Breakout Groups

Contribution ID: 145

Type: **not specified**

Ia: Ice-sea ice-ocean-atmosphere interactions under climate change in East Antarctica

Presenter: EISEN, Olaf

Session Classification: Topic Breakout Groups

Contribution ID: **146**

Type: **not specified**

Id: Breakout Session

Session Classification: Topic Breakout Groups

Contribution ID: **148**

Type: **not specified**

Ic: Breakout Session

Session Classification: Topic Breakout Groups

Contribution ID: 149

Type: **not specified**

If: The key to good data science lies in data workflows, standards and data infrastructure.

Presenter: SCHAEFER, Angela

Session Classification: Topic Breakout Groups

Contribution ID: **150**

Type: **not specified**

Ig: Forecast sensitivity to observation (FSO)

Presenter: SHAO, Changliang

Session Classification: Topic Breakout Groups

Contribution ID: **151**

Type: **not specified**

If: Breakout Session

Session Classification: Topic Breakout Groups

Contribution ID: **152**

Type: **not specified**

Ig: Breakout Session

Session Classification: Topic Breakout Groups

Contribution ID: **153**

Type: **not specified**

tbd

Session Classification: Topic Breakout Groups

Contribution ID: **154**

Type: **not specified**

IId: tbd

Session Classification: Breakout sessions

Contribution ID: **155**

Type: **not specified**

Ile: tbd

Session Classification: Breakout sessions

Contribution ID: **157**

Type: **not specified**

Outlook Scientific Evaluation

Session Classification: Topic Breakout Groups

Contribution ID: **158**

Type: **not specified**

Discussion

(10 min Discussion)

Session Classification: Storyline Talks

Contribution ID: **159**

Type: **not specified**

Topic 2 Storyline Talk

(15' min pres. + 5' min disc.)

Session Classification: Storyline Talks

Contribution ID: **160**

Type: **not specified**

1-min Poster Teaser Talks

Session Classification: Storyline Talks

Contribution ID: **161**

Type: **not specified**

A deep learning approach for automatic mapping of ice sheets' englacial architecture

(7' min pres. + 5' min disc.)

Presenter: MOQADAM, Hameed

Session Classification: Plenary III

Contribution ID: **162**

Type: **not specified**

Eddy-rich Arctic as future Sea ice disappears in high-resolution view

(7' min pres. + 5' min disc.)

Presenter: LI, Xinyue

Session Classification: Storyline Talks

Contribution ID: **163**

Type: **not specified**

Transfer from the perspective of research funding at AWI

Presenter: CRISTINI, Luisa

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 &
7

Contribution ID: **164**

Type: **not specified**

tbd

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 & 7

Contribution ID: **165**

Type: **not specified**

MR imaging as a monitoring tool for gonadal growth in fish

(7' min pres. + 5' min disc.)

Presenter: VOGT, Nicole

Session Classification: Storyline Talks

Contribution ID: **166**

Type: **not specified**

Idw Award for Science Communication 2023

(10' min pres. + 5' min disc.)

Presenter: MEHRTENS, Folke

Session Classification: Plenary VI

Contribution ID: **167**

Type: **not specified**

Ib: Booster your outreach

How to communicate your research as effectively as appealing hand in hand with the AWI communication department.

Presenter: KOCH, Roland

Session Classification: Breakout Sessions

Contribution ID: **168**

Type: **not specified**

Id: Open Science

The Library and the Open Science Working Group invite to join at the information stand to get to know Andreas Walker and Bernadette Fritzsche at AWI.

Presenter: WALKER, Andreas (AWI)

Session Classification: Breakout Sessions

Contribution ID: **169**

Type: **not specified**

Ie: Land-ocean reseach in the Mackenzie/Beaufort Sea region

In this breakout session, I propose to discuss ideas for research projects connecting the land-ocean conitnuum in the Mackenzie/Beaufort Sea region, including a potential Polarstern cruise to the region in 2027 or 28 and collaborative ties to Canadian colleagues.

Presenter: MOLLENHAUER, Gesine

Session Classification: Breakout Sessions

Contribution ID: 170

Type: **not specified**

Ii: Forecast sensitivity to observation (FSO)

Presenter: SHAO, Changliang

Session Classification: Breakout Sessions

Contribution ID: 171

Type: **not specified**

Ig: Forecast sensitivity to observation (FSO)

Forecast sensitivity to observations can be used as a diagnostic tool to monitor the observation impact on the quality of the mesoscale forecasts, and also to give suggestion and evaluation on weather station network layout.

Presenter: SHAO, Changliang

Session Classification: Breakout Sessions

Contribution ID: 172

Type: **not specified**

Ig: Polar and High Altitude Cryosphere and Carbon InterActions (PHACCIA)

This breakout session will identify and connect AWI researchers who are working on carbon-cryosphere interactions in the polar regions in support of the Carbon-Cycle CTA. We welcome participants focused on carbon cycling or cryosphere processes that are relevant for carbon cycle to join us to find common research themes, complementary methods, and additional expertise.

Presenter: TREAT, Claire

Session Classification: Breakout Sessions

Contribution ID: 173

Type: **not specified**

Welcome and introduction

Primary author: BRUNNER, Almut

Presenter: BRUNNER, Almut

Session Classification: Plenary II - Award & Highlight Talks + Storyline Talks Topic 4 & 7

Contribution ID: 174

Type: **not specified**

Ib: Forschungsförderung/Research funding Group

Presenter: LANGE, Nancy

Session Classification: Breakout Sessions

Contribution ID: 175

Type: **not specified**

INSPIRES Talk Subtopic

(7 min pres. + 5 min disc.)

Session Classification: Plenary I

Contribution ID: **176**

Type: **not specified**

INSPIRES Talk Subtopic

(7 min pres.)

Session Classification: Plenary I

Contribution ID: 177

Type: **not specified**

INSPIRES Talk Subtopic

(7 min pres.)

Session Classification: Plenary I

Contribution ID: **178**

Type: **not specified**

INSPIRES Talk Subtopic

(7 min pres.)

Session Classification: Plenary I

Contribution ID: **179**

Type: **not specified**

INSPIRES Talk Subtopic

(7 min pres.)

Session Classification: Plenary I

Contribution ID: **180**

Type: **not specified**

Topic 5

(15' min pres.)

Session Classification: Storyline Talks

Contribution ID: **181**

Type: **not specified**

Science Speed Dating

Contribution ID: **182**

Type: **not specified**

Storyline Talk Topic 1

(5 min pres. + 3 min disc.)

Presenter: REX, Markus

Session Classification: Plenary I

Contribution ID: **183**

Type: **not specified**

Storyline Talk Topic 2

(15 min pres. + 7 min disc.)

Presenter: LOHMANN, Gerrit (AWI)

Session Classification: Plenary I

Contribution ID: **184**

Type: **not specified**

INSPIRES Talk

(7 min pres. + 3 min disc.)

Session Classification: Plenary I

Contribution ID: **185**

Type: **not specified**

INSPIRES Talk

(7 min pres. + 3 min disc.)

Session Classification: Plenary I

Contribution ID: **186**

Type: **not specified**

INSPIRES Talk

(7 min pres. + 3 min disc.)

Session Classification: Plenary I

Contribution ID: **187**

Type: **not specified**

INSPIRES Talk

(7 min pres. + 3 min disc.)

Session Classification: Plenary I

Contribution ID: **188**

Type: **not specified**

INSPIRES Talk

(7 min pres. + 3 min disc.)

Session Classification: Plenary I

Contribution ID: **189**

Type: **not specified**

INSPIRES Talk

(7 min pres. + 3 min disc.)

Session Classification: Plenary I

Contribution ID: **190**

Type: **not specified**

Storyline Talk Topic 4

(15 min pres. + 8 min disc.)

Presenter: BOERSMA, Maarten

Session Classification: Plenary II

Contribution ID: **191**

Type: **not specified**

Storyline Talk Topic 5

(15 min pres. + 7 min disc.)

Presenter: HERZSCHUH, Ulrike (Alfred Wegener Institute)

Session Classification: Plenary II

Contribution ID: **192**

Type: **not specified**

INSPIRES Talk

(7 min pres. + 3 min disc.)

Session Classification: Plenary II

Contribution ID: **193**

Type: **not specified**

INSPIRES Talk

(7 min pres. + 3 min disc.)

Session Classification: Plenary II

Contribution ID: **194**

Type: **not specified**

INSPIRES Talk

(7 min pres. + 3 min disc.)

Session Classification: Plenary II

Contribution ID: **195**

Type: **not specified**

INSPIRES Talk

(7 min pres. + 3 min disc.)

Session Classification: Plenary II

Contribution ID: **196**

Type: **not specified**

Storyline Talk Topic 6

(15 min pres. + 15 min disc.)

Presenter: IVERSEN, Morten

Session Classification: Plenary III

Contribution ID: **197**

Type: **not specified**

Storyline Talk Topic 7

(10 min pres. + 5 min disc.)

Presenter: SLATER, Matt

Session Classification: Plenary III

Contribution ID: **198**

Type: **not specified**

INSPIRES Topic 6

(7 min pres. + 3 min. disc.)

Session Classification: Plenary III

Contribution ID: **199**

Type: **not specified**

INSPIRES Topic 6

(7 min pres. + 3 min. disc.)

Session Classification: Plenary III

Contribution ID: **200**

Type: **not specified**

INSPIRES Topic 6

(7 min pres. + 3 min. disc.)

Session Classification: Plenary III

Contribution ID: **201**

Type: **not specified**

INSPIRES Topic 6

(7 min pres. + 3 min. disc.)

Session Classification: Plenary III

Contribution ID: **202**

Type: **not specified**

INSPIRES Topic 6

(7 min pres. + 3 min. disc.)

Session Classification: Plenary III

Contribution ID: **203**

Type: **not specified**

INSPIRES Topic 7

(7 min pres. + 3 min. disc.)

Session Classification: Plenary III

Contribution ID: **204**

Type: **not specified**

Transfer Part 1

Session Classification: Plenary VI

Contribution ID: **205**

Type: **not specified**

Transfer Part 2

Session Classification: Plenary VI

Contribution ID: **206**

Type: **not specified**

1-min Poster Teaser Talks

Zeit ergänzen, je nachdem wie viele PhDs mitmachen!

Session Classification: Poster Session

Contribution ID: **207**

Type: **not specified**

Poster Session

Session Classification: Poster Session

Contribution ID: **208**

Type: **not specified**

Ie: Breakout Session

Session Classification: Topic Breakout Groups

Contribution ID: **209**

Type: **not specified**

Ih: Breakout Session

Session Classification: Topic Breakout Groups

Contribution ID: **210**

Type: **not specified**

Ii: Breakout Session

Session Classification: Topic Breakout Groups

Contribution ID: **211**

Type: **not specified**

Discussion

Contribution ID: **212**

Type: **not specified**

Reviewers Closed Session

Impressions of plenary session of the 1st day

Contribution ID: **213**

Type: **not specified**

Reviewers Closed Session

Impressions of 2nd day.

Contribution ID: **214**

Type: **not specified**

Option: Closed Reviewers Working Session

Contribution ID: **215**

Type: **not specified**

Presentation LKII

RV Polarstern, Heincke, NM Station, Marine Stations, Aircrafts

Contribution ID: **216**

Type: **not specified**

Outlook PoF V and AWI's future strategy

Presenters: BOETIUS, Antje; JUNG, Thomas (Alfred Wegener Institut)

Contribution ID: 217

Type: **not specified**

Closed Discussion of review panel with representatives of scientific advisory board

Contribution ID: **218**

Type: **not specified**

Initial notification of the review results

Contribution ID: **219**

Type: **not specified**

Clarification of remaining questions

Contribution ID: **220**

Type: **not specified**

Final Reviewers closed session

Discussion and preparation of the draft evaluation report; including working lunch

Contribution ID: **221**

Type: **not specified**

Topic Session T6 (Breakout)

Tuesday 25 February 2025 13:45 (1h 30m)

Topic 6: Judith Hauck - The changing polar ocean carbon pumps in future scenario simulations (10 min. pres. + 5 min. disc.)

Topic 6: Björn Rost - Dissecting thermal responses of Arctic phytoplankton (10 min. pres. + 5 min. disc.)

Topic 6: Scarlett Trimborn - Iron and manganese availability drives Antarctic primary production and carbon export (10 min. pres. + 5 min. disc.)

Topic 6: Frank Wenzhöfer - FRAM Long-Term Observations (10 min. pres. + 5 min. disc.)

Topic 6: Dominik Bahlburg - New approaches to monitoring ecosystems and fisheries in the Southern Ocean (10 min. pres. + 5 min. disc.)

Topic 6: Murat Eren - Omics-approaches to refine marine biodiversity research (10 min. pres. + 5 min. disc.)

Presenter: IVERSEN, Morten

Session Classification: Plenary II

Contribution ID: **222**

Type: **not specified**

Presentation Topic 1

Presenter: REX, Markus

Session Classification: Plenary I

Contribution ID: **223**

Type: **not specified**

Topic Session T5 (Breakout)

Tuesday 25 February 2025 11:45 (1h 15m)

Topic 5: Guido Grosse - Permafrost Ecosystems in Transition: Field Observations and Remote Sensing of Rapid Permafrost Thaw

(10 min. pres. + 5 min. disc.)

Topic 5: Jan Nitzbon - Permafrost Thaw Across Space and Time: From Landscape Dynamics to Climate Feedbacks

(10 min. pres. + 5 min. disc.)

Topic 5: Jens Strauss - Storing the Past, Shaping the Future: Pools and Dynamics of Carbon and Nitrogen in Permafrost

(10 min. pres. + 5 min. disc.)

Topic 5: Kathleen Stoof-Leichsenring - Arctic biodiversity change: insights from sedimentary ancient DNA (10 min. pres. + 5 min. disc.)

Topic 5: Stefan Kruse - Non-linear treeline response to climate change (10 min. pres. + 5 min. disc.)

Presenter: GROSSE, Guido (AWI)

Session Classification: Plenary I

Contribution ID: **224**

Type: **not specified**

Presentation Topic 5

Presenter: HERZSCHUH, Ulrike (Alfred Wegener Institute)

Session Classification: Plenary I

Contribution ID: 225

Type: **not specified**

Introduction, PS, Heincke, Neumeyer, Marine Stations, Polar Aircraft

Session Classification: Plenary II

Contribution ID: **226**

Type: **not specified**

Presentation Topic 6

Presenter: IVERSEN, Morten

Session Classification: Plenary III

Contribution ID: 227

Type: **not specified**

Breakout Presentations T1 and T2

Session Classification: Plenary II

Contribution ID: **228**

Type: **not specified**

ff

Contribution ID: **229**

Type: **not specified**

Gathering of evaluation participants

Contribution ID: **230**

Type: **not specified**

Welcome

Presenter: BOETIUS, Antje

Contribution ID: **231**

Type: **not specified**

Discussion

Session Classification: Plenary I

Contribution ID: **232**

Type: **not specified**

Discussion

Session Classification: Plenary I

Contribution ID: **233**

Type: **not specified**

Discussion

Session Classification: Plenary I

Contribution ID: **234**

Type: **not specified**

Discussion

Session Classification: Plenary I

Contribution ID: 235

Type: **not specified**

Discussion

Session Classification: Plenary II

Contribution ID: **236**

Type: **not specified**

Discussion

Session Classification: Plenary II

Contribution ID: **237**

Type: **not specified**

Discussion

Session Classification: Plenary III

Contribution ID: 238

Type: **not specified**

Breakout Presentations T6

Session Classification: Plenary III

Contribution ID: **239**

Type: **not specified**

Discussion

Session Classification: Plenary III

Contribution ID: 240

Type: **not specified**

Topic Session T2 and T1 (Breakout)

Tuesday 25 February 2025 09:35 (1h 30m)

Topic 2: Johann Klages - West Antarctica's climatic evolution from green- to icehouse conditions (10 min pres. + 5 min disc.)

Topic 2: Maria Hoerhold - Ice core perspective on recent climate change (10 min pres. + 5 min disc.)

Topic 2: Rebecca McPherson - Ocean-driven melting of Greenland's largest glacier tongue: Processes and ongoing change (10 min pres. + 5 min disc.)

Topic 2: Thomas Krumpen - Changing pressure ridges in a more dynamic Arctic (10 min pres. + 5 min disc.)

Topic 2: Helge Goessling - Recent global temperature surge intensified by record-low planetary albedo (10 min pres. + 5 min disc.)

Topic 1: Katrin Müller - Polar research in the Tropics: the Palau Atmospheric Observatory (10 min pres. + 5 min disc.)

Presenter: MOLLENHAUER, Gesine

Session Classification: Plenary I

Contribution ID: **241**

Type: **not specified**

Discussion

Session Classification: Plenary II

Contribution ID: 242

Type: **not specified**

Topic Session T4 and T7 (Breakout)

Tuesday 25 February 2025 15:45 (1h 30m)

Topic 4: Anna Irrgang - Changing Arctic Coasts (10 min. pres. + 5 min. disc.)

Topic 4: Moritz Holtappels - Carbon storage in shelf sediments - from science to policy (10 min. pres. + 5 min. disc.)

Topic 4: Sabine Horn - Foodwebs interactions in a time of change (10 min. pres. + 5 min. disc.)

Topic 4: Laurie Hofmann - Macroalgal culture and use (10 min. pres. + 5 min. disc.)

Topic 7: Enno Fricke - Sustainable diets for shrimp aquaculture utilizing local by-products (10 min. pres. + 5 min. disc.)

Topic 7: Firas Breish - Bio-inspired Load-Bearing Strategies in Engineering Design (10 min. pres. + 5 min. disc.)

Presenter: KASTEN, Sabine

Session Classification: Plenary II

Contribution ID: **243**

Type: **not specified**

Discussion

Session Classification: Plenary II

Contribution ID: **244**

Type: **not specified**

Welcome

Tuesday 25 February 2025 09:30 (5 minutes)

(5 min.)

Presenter: JUNG, Thomas (Alfred Wegener Institut)

Session Classification: Plenary I