

Programm der Sitzung

6.-7. Okt. 2025

MarDATA Retreat 2025

MarDATA Project Updates (open to public)

GEOMAR - Standort Ostufer / GEOMAR - East Shore, 8A-002 - Hörsaal Ostufer / Lecture Hall East

Mo., 6. Oktober

13:00

MarDATA Project Updates (open to public)

Sitzung | **Ort:** GEOMAR - Standort Ostufer / GEOMAR - East Shore, 8A-002 - Hörsaal Ostufer / Lecture Hall East

13:00–13:30 Uhr

Intelligent underwater monitoring systems combining distributed underwater sensor networks with cloud-based digital twins

13:30–14:00 Uhr

OceanFuse - Fusion of Physics, Biology, and Computing

14:00–14:30 Uhr

Digital Ice-Cores - Paleo-Climate reconstruction using Bayesian modeling

14:30

15:00

MarDATA Project Updates (open to public)

Sitzung | **Ort:** GEOMAR - Standort Ostufer / GEOMAR - East Shore, 8A-002 - Hörsaal Ostufer / Lecture Hall East

15:00–15:30 Uhr

Drivers and Predictability of Antarctic Sea Ice Extremes - A machine learning approach

15:30–16:00 Uhr

Employing Spectral Radiation for Enhanced Modeling of Biogeochemistry and Carbon Cycling

16:30

16:00–16:30 Uhr

AqQua - The Aquatic Life Foundation Project

Di., 7. Oktober

11:00

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11:00–11:30 Uhr

Data based Probabilistic Parameter Estimation for Ocean and Earth System Models

11:30–12:00 Uhr

Quantitative risk assessment of climate extremes

12:00–12:30 Uhr

INSYST - Innovative, intelligent coastal water monitoring using artificial intelligence

12:30

13:30

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13:30–14:00 Uhr

MIMO - Real-time Autonomous Hydroacoustic Object Detection

14:00–14:30 Uhr

Neural Network augmented stabilized Finite Element Methods for Convection Diffusion Equations

14:30–15:00 Uhr

Employing data-science methods for mapping sea ice surface change on decadal time scales

15:00