

**AWIPEV Science Introduction Seminar
Alfred-Wegener-Institut, Bremerhaven
Wegener Haus (Haus D)
7. February 2018**

Morning location: Hörsaal

10:00 General:

- Welcome
- AWIPEV Science News (Team, Flagships, SIOS, ePIC, AWIPEV Observatories: online, data archives; ...) (R. Neuber)
- NySMAC presentation by the Chairman Maarten Loonen

10:30 Geophysics:

- French Research projects at AWIPEV (P. Morin, IPEV)

11:30 – 11:45 Coffee Break

11:45 Biology:

- Ornitho-Endocrino (RAP 330, O. Chastel, CNRS - CEBC)
- Bottom-up and top-down effects on Arctic primary production under climate change (KOP 151) (C. Hoppe, AWI)
- Biogeochemistry of carbon, iron and sulfur cycling in West-Svalbard fjords (KOP 56, Susann Henkel / A. Michaud, AWI / U. Aarhus)
- AWIPEV Kongsfjorden Under Water Observatory (Ph. Fischer, AWI)
- CLIMARCTIC-2 (KOP 175, V. Hotter, U. Rostock)

12:45 Lunch

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Afternoon location: Room 2930

14:00 Public relations events 2018 (Folke Mehrrens, AWI)

14:15 Biology cont'd

- Organic matter in Permafrost soil (KOP171, J. Rethemeyer, U. Cologne)
- Geese on Arctic tundra (M. Loonen et al., U. Groningen)

14:45 Coffee break

15:15 Atmosphere

- Atmosphere Observations 2018 (R. Neuber, AWI)
 - AC3
 - Aerosols & Clouds
 - Meteorological Long-Term Observations (B. Kulla, AWI)
- ALADINA (B. Altstädter, A. Lampert et al., TU Braunschweig)
- Turbulence investigation with UAVs (Claudio Crazzolara, ECU Tübingen)
- Long-term measurements of atmospheric trace gases at the AWIPEV station (M. Buschmann, U. Bremen)

- ePOP Arctic updates (KOP 141, Z. Xie, HZG) (tbc)

Crosscutting projects

- INTAROS-Svalbard: The soundscape in Kongsfjorden (M.N. Houssais, LOCEAN U.PMC)
- Sensing the sea-ice cover with GNSS reflections - Results from Kongsfjorden and Fram Strait (M. Semmling, GFZ)
- EU Projekt iCUPE (B. Wehner, Tropos)

18:00 Adjourn

18:30 Dinner at Schiffahrtsmuseum, Bremerhaven