

40 years German Biologists in Bellingshausen and on Ardley Island



Preliminary Program

Institute of Ecology and Evolution, Dornburger Str. 159

Sunday, Sept. 29:

19:00 **Icebreaker party** (If the door is closed please call +49 151 20444533)

Monday, Sept. 30:

10:30: **Opening**

11:00: **Hans-Ulrich Peter** (Jena)

Long-term data of birds from Fildes and Ardley (25 min + 5 min discussion)

11:30: **Christina Braun** (Jena)

Population size and trends in seals in the Fildes Region (20 + 5)

11:55 Coffee break

12:15 **Osama Mustafa** (Jena)

From Penguins to Crevasses – Scientific Consulting in the Antarctic by THINK (20 + 5)

12:40 **Marie-Charlott Rümmler** (Jena)

Impact of Drones on Antarctic Wildlife (10 + 5)

13:00 Lunch break

15:00 **Mikhail Andreev** (St.Petersburg)

Summer field season in Untersee-Oasis ("Neu Schwabenland") – lichens of one of the most dry areas in Antarctica (25 + 5)

15:30 **Svetlana Smirnova** (St.Petersburg)

Algal communities of waterbodies of Schirmacher oasis, East Antarctica (20 + 5)

15:55 **Tatiana Safronova** (St.Petersburg)

Golden algae (Chrysothrix) in the waterbodies of King George Island (15 + 5)

16:10 Coffee break

16:30 **Alexey Miroliubov** (St.Petersburg)

Benthic communities of subtidal zone in Prydz Bay (10 + 5)

16:45 **Boris Culik** (Heikendorf)

Pinguinforschung: vom Fluorid im Krill zum Energieverbrauch beim Schwimmen (25 + 5)

17:15 **Martin Senf** (Jena)

Breeding phenology of *Pygoscelis* penguins (15 + 5)

18:00 **Boris Culik, Thilo Nadler, Martin Senf, Bernd Simon, Hannes Graemer and Hans-Ulrich Peter**
Pictures/videos about special events/adventures from the last 40 years (part one)

20:00 **Thuringian sausages and Radeberger beer**

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Tuesday, Oct. 01: Institute of Ecology and Evolution, Dornburger Str. 159

- 10:00 **Jan Esefeld** (Jena)
Unveiling the secrets of Fildes' Skuas - results of German research since 1979 (30 + 5)
- 10:35 **Raphael Ritter** (Jena)
On the causes and consequences of divorce in two skua species (20 + 5)
- 11:00 **Christian Pfeifer** (Jena)
Using UAVs for Detecting and Mapping the Distribution and Abundance of Penguins on the South Shetlands Islands (10 + 5)
- 11:15 Coffee break
- 11:30 **Fritz Hertel** (Dessau)
Environmental Protection in the Antarctic- achievements and challenges (25 + 5)
- 12:00 **Christina Braun** (Jena)
Local rapid expansion of the Antarctic hair grass in the Maritime Antarctic (10 + 5)
- 12:15 **Evgeny Abakumov**
Soils of South-Shetland Islands: diversity and anthropogenic transformation (25 + 5)
- 12:45 **Viacheslav Poliakov**
Ornithogenic soils of Antarctica (15 + 5)
- 13:05 Lunch break
- 15:00 **Boris Culik, Tilo Nadler, Martin Senf, Bernd Simon, Hannes Graemer and Hans-Ulrich Peter**
Pictures/videos about special events/adventures from the last 40 years (cont.)
- 17:00 Excursion to Napoleonstein (Weather dependent)

