

Helene and Thomas Hoffmann

Cryosity

Art & Science



cryosity.com



What we do:

Preserving of:

- Snow crystals
- Ice crystals
- Ice core samples
- Snow
- Meltwater channels and more...

Preserved Snowflake-Arctic
MOSAIC-LEG1
Temp. -16,7°C
15.11.2019



2.4mm



Why we do that:

Art based science communication:

- Bring attention to the urgency of climate change
- Make climate science of the Arctic and Antarctic regions and the Alps available to the general public
- Illustrate how climate science data is generated

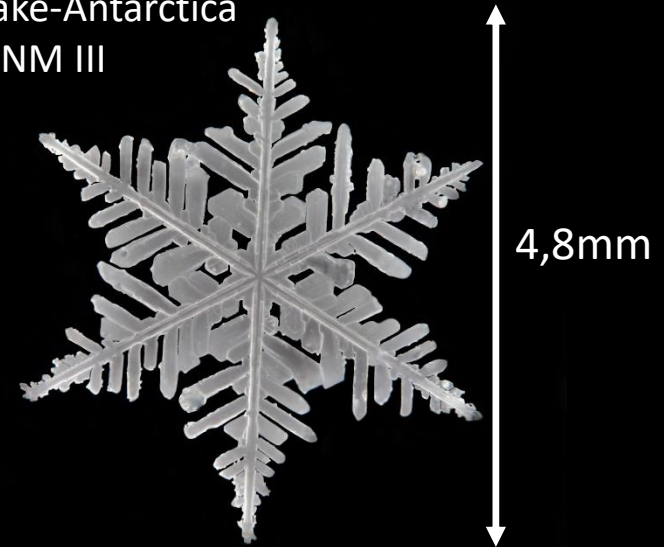


How it works:

Preserving of snow crystals, ice core samples, ... :

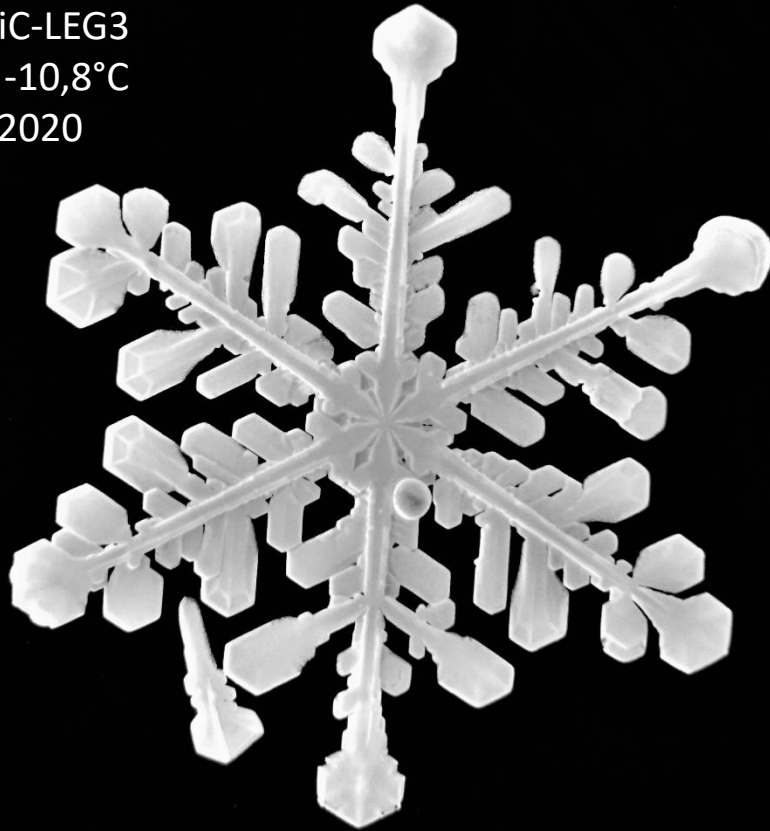
- Special kind of glue for snowflakes
- UV- hardening glue for Ice core samples
- Self developed, custom made Cryo-plate for low temperature operation below -20°C
- Considerable amount of patience
- drying times up to 5 days in different temperature levels

Preserved Snowflake-Antarctica
38.Overwintering NM III
Temp. $-13,6^{\circ}\text{C}$
18.06.2018



27 months in the polar regions - more than 100 snowflakes!

Preserved Snowflake-Arctic
MOSAiC-LEG3
Temp. $-10,8^{\circ}\text{C}$
05.05.2020



3.5mm

Preserved Snowflake-Antarctica
PS123-Transfer BHV-NMIII
Temp. $-0,3^{\circ}\text{C}$
15.01.2021



3.3mm



Our Art Projects:

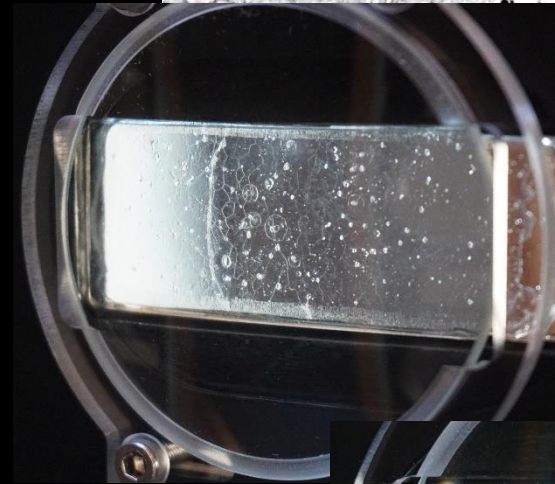
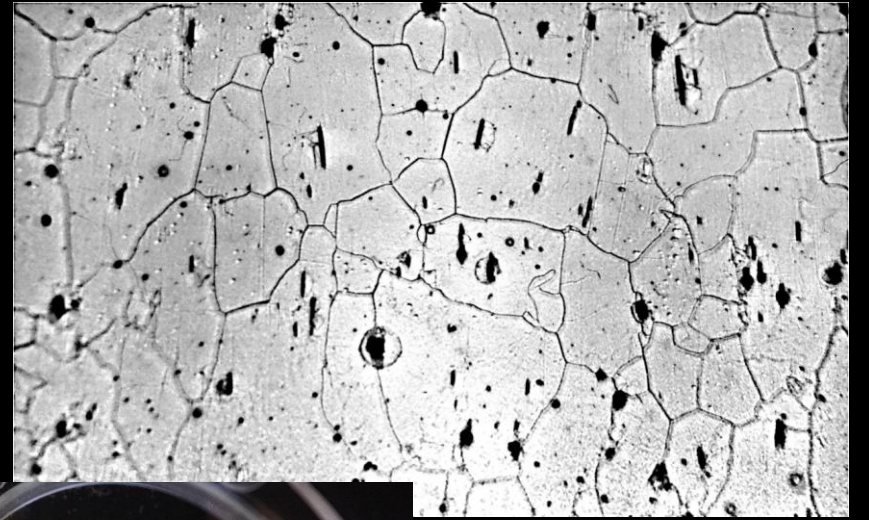
Below the Surface



All objects are hand made!

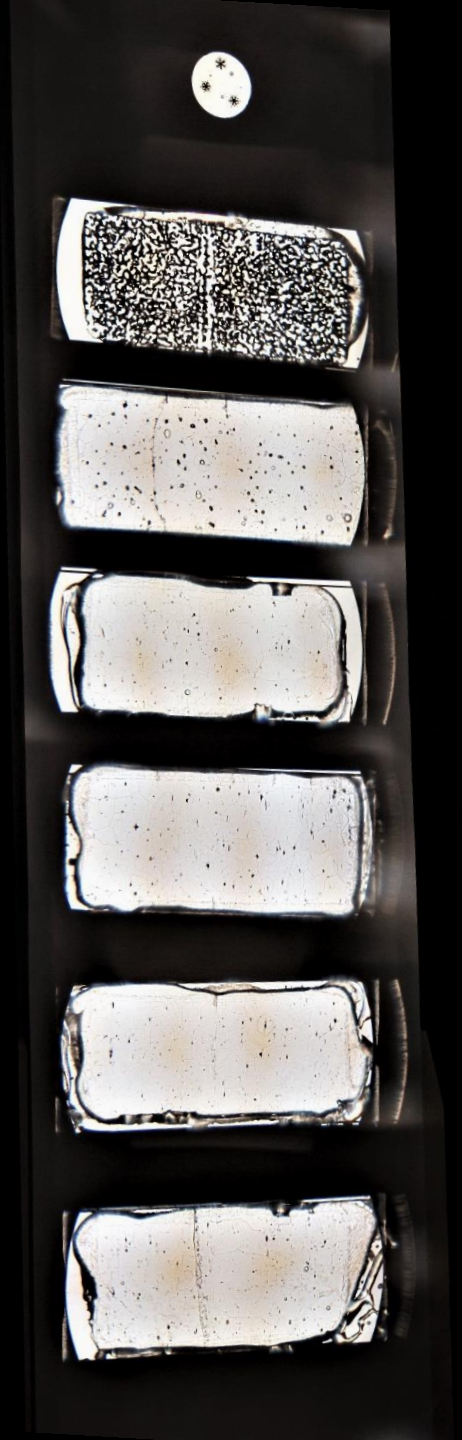
Our Art Projects:

Under Pressure



Our Art Projects:

Under Pressure



Our Art Projects:

Climate Change in Focus



Our Art Projects:

The Bedrock



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Sharing is
encouraged