

IceCube Polar Science Workshop



Contribution ID: 21

Type: **not specified**

Inclination data from sensors in the South Pole ice

Wednesday, 20 January 2021 15:00 (20 minutes)

In 2013 the dust logger was equipped with a precision orientation sensor to study ice anisotropies. This sensor can be used to monitor SPICE borehole deformation by comparing data taken over multiple seasons between 2015 and 2019. We will also re-examine data from inclinometers installed in the IceCube array in order to develop a fuller picture of ice flow at South Pole.

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Session Classification: SPICEcore physical properties, hole lifetime and logging