

# **IceCube Polar Science Workshop**

**Saturday 30 September 2017 - Saturday 30 September 2017**

**Humboldt University**

## **Book of abstracts**

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Glaciology / 1

## **Glaciology for Neutrino Astronomy and vice versa**

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## **What we have learned about the ice since AMANDA**

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## **Physical properties of ice sheets: implications for, and findings from a deep ice core drilling and logging**

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## **Anisotropy - connecting our large scale observations to the microstructure of ice cores**

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SpiceCore and More / 6

## **Planned SpiceCore measurements (optical and radio) in the 2017/18 season**

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## **The Australian Antarctic Program 20 Year Plan and the search for a Million Year Ice Core**

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Radio glaciology / 9

## **Airborne ice penetrating radar and geophysics around South Pole**

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## **Review of radio glaciology at South Pole**

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**Drilling & Logistics / 11**

## **BAS hot-water drilling**

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## **Discussion**

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**Radio glaciology / 15**

## **Anisotropy in ice sheets - some types and causes**

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## **SpiceCore and More / 16**

### **SPICEcore**

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Why we drilled an intermediate depth ice core at the South Pole, what we learned so far, and what we would have done differently

## **Drilling & Logistics / 17**

### **Arctic Trucks**