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The POCAM Calibration Devices

Tuesday, 26 May 2026 12:00 (15 minutes)

I am part of a group of people working on the POCAM (Precision Optical CAlibration Module), a calibration device developed at TUM designed to emit isotropic light to study detector systematics.

14 POCAMs have been successfully deployed in the IceCube Upgrade. We would like to present preliminary results from data collected during the devices' deployment and in the first weeks of operation, when the ice columns were refreezing. We believe this is of interest to the community, as there have been discussions about the possibility of deploying a similar instrument also in water-based neutrino telescopes such as KM3NeT.

The talk will be shared with Leonhard Eidenschink, a PhD student from TUM.

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