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Session: special aspects

Type of presentation: Oral

development overview of power supply and control units for shallow icecore drilling winches at AWI (~2010-2025)

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During the last 15 years there have been quite a few iteration steps in the process of developing a shallow icecore drilling sytem at AWI.

To keep up with mechanical and electrical changes of the key ingredients for the drilling process (like tower, winch, drill-unit, ...), to simplify logistics and due to optional further development, several power-supply and control units for the AWI shallow icecore drilling winch system have been built and brought into action.

In this talk I will give a brief overview of above-mentioned units and their development from

~ 2010 to our current system.