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Technical Infrastructure operations today and in the future

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Operation of the technical infrastructure is often a task done in the shadow of accelerator operations, until, of course, the inevitable breakdown. We need electricity, cooling, ventilation, IT systems and much more to run our very complex accelerator complex, but how do we keep the faults to a minimum?

In this talk we will touch base on how operation of the technical infrastructure at CERN is done, the limitations we have due largely to the fact that our infrastructure is a mix of brand new very high-tech installations and old equipment from the very beginning of CERN.

We will hear about where we are today and what will be possible to do in the future when operating the FCC and the rest of CERN's technical infrastructure.

How to get eyes on the field? Can you operate a drone from the central control room? What if we could predict faults before they happen? are some of the questions we will ask ourselves in a near future.

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