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Type: **Talk**

What's new with the last 10 years of operation with the CERN SPS tetrode amplifiers?

Monday 9 September 2024 08:45 (25 minutes)

The talk will cover operation and operational aspects of megawatt CW tetrode amplifiers, summarizing the following topics:

- What are the typical faults and problems and their impact on availability.
 - What do we need to do as preventive maintenance to reduce the down time in operation.
 - What is the level of remote diagnostics and how much we can “fix remotely”.
 - What is a typical intervention time, what are typical interventions.
 - What maintenance/operation activities we do regularly.
 - How many people are needed to operate those, and what do they do on daily basis and in shutdowns, how to keep trained people for when we need them during technical stops.
 - Availability and procurement strategy of spare parts, short and long term, obsolescence.
- And of course, as it is the aim of the workshop, what have been the most impressive (and impacting) faults that occurred over the last decade.

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