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Type: **Oral presentation**

High Power Solid State Power Amplifiers for the CERN LHC Injector Upgrade for SPS programme

Tuesday, 21 June 2016 16:30 (30 minutes)

The talk will explain the reasons why CERN signed a contract for the procurement of two 2 MW peak power amplifiers based on SSPA technology.

Comparison that has been made with other technologies (tetrodes, IOT, Diacrodes, Klystrons) will be explained.

Basic principles of the chosen solution will be given.

Summary

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Session Classification: Solid state amplifiers 2