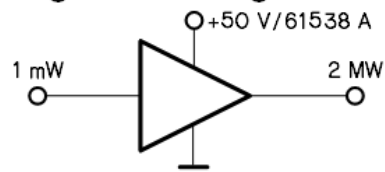


# Twelfth Continuous Wave and High Average Power RF Workshop



12.-14.9.2022

CERN

Geneva, Switzerland

<http://cern.ch/CWRF22>

Contribution ID: 37

Type: **Invited talk 45'**

## High voltage power supplies for RF amplifiers -

*Wednesday 14 September 2022 08:30 (50 minutes)*

An overview of high voltage power supplies for tetrode, IOT and klystron amplifiers (DC and pulsed power), with an introduction of basic concepts in power electronics, design specificities for RF applications, and illustrations of CERN-designed RF power converters.

Invited talk offered to Dr. Davide Aguglia, Electrical Power Converter Deputy group leader, and Fast Pulsed Converter section leader.

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**Presenter:** AGUGLIA, Davide (CERN)

**Session Classification:** Tube amplifiers and power supplies

**Track Classification:** Power supplies