

Session Program

Sep 23 - 25, 2024

2nd Workshop on efficient RF Sources



23-25 September 2024, Toledo, Spain



2nd Workshop on efficient RF sources

Klystrons

Parador de Toledo
Cerro del Emperador, s/n 45002 Toledo, Spain

Mon, September 23

2:00 PM

Klystrons

Session | **Location:** Parador de Toledo, Cerro del Emperador, s/n 45002 Toledo, Spain | **Convener:** Armel Beunas

2:00 – 2:30 PM **FCC RF systems**

Speaker

Olivier Brunner

2:30 – 3:00 PM **Two stage klystron for FCC**

Speaker

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3:00 – 3:30 PM **High voltage RF feedthrough for two-stage klystron**

Speaker

Mr Lee Millar

3:30 PM

4:00 PM

Klystrons

Session | **Location:** Parador de Toledo, Cerro del Emperador, s/n 45002 Toledo, Spain | **Convener:** Armel Beunas

4:00 – 4:30 PM **High efficiency klystrons for HL-LHC**

Speaker

Chiara Marrelli

4:30 – 5:00 PM **High efficiency in Xband**

Speaker

Paz Alonso Arias

5:00 – 5:30 PM **Klynac, a combined resonant klystron and linac architecture**

Speaker

Bruce Carlsten

5:30 – 6:00 PM

Development of High Efficiency Magnetrons, Klystrons, and Triode-Based RF Sources

Speaker

Lawrence Ives

6:00 PM

Tue, September 24

9:00 AM

Klystrons

Session | **Location:** Parador de Toledo, Cerro del Emperador, s/n 45002 Toledo, Spain | **Convener:** Galen Aymar

9:00 - 9:30 AM

RF power sources development in Chengdu University

Speaker

Jinchi Cai

9:30 - 10:00 AM

The S- Band 80MW Multibeam Klystron for KEK Electron/Positron Injector Linac

Speaker

Shengchang Wang

10:00 - 10:30 AM

Large-signal Code TESLA and its Application to the Modeling of Single-Beam and Multiple-Beam Klystrons and IOTs

Speaker

Dr Igor Chernyavskiy

10:30 - 11:00 AM

Adjoint approach to optimization and sensitivity analysis of RF sources

Speaker

Dr Alexander Vlasov

11:00 AM

11:30 AM

Klystrons

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11:30 AM - 12:00 PM

HE klystron for HL-LHC

Speaker

Karim HAJ KHLIFA

12:00 - 12:30 PM

Pulsed modulators for science.

Speaker

Dr Kevin Pepitone

12:30 - 1:00 PM

Permanent magnets for klystrons

Speaker

Julio Lucas

1:00 PM

5:00 PM

Klystrons

Session | **Location:** Parador de Toledo, Cerro del Emperador, s/n 45002 Toledo, Spain | **Convener:** morten jensen

5:00 - 5:30 PM

Klystrons at CPI

Speaker

Wolfgang Tschunke

5:30 PM