

EnEfficient RF Sources

Report of Contributions

Contribution ID: 0

Type: **not specified**

High efficiency work in context

Tuesday 3 June 2014 09:45 (30 minutes)

Presenter: Dr JENSEN, Erk (CERN)

Session Classification: Session 1

Contribution ID: 1

Type: **not specified**

Recent High Power RF Source Developments at SLAC National Accelerator Laboratory

Tuesday 3 June 2014 10:15 (30 minutes)

Presenter: NEILSON, Jeffrey (SLAC)

Session Classification: Session 1

Contribution ID: 2

Type: **not specified**

Review of developments in klystron technology

Tuesday 3 June 2014 10:45 (30 minutes)

Presenter: SYRATCHEV, Igor (CERN)

Session Classification: Session 1

Contribution ID: 3

Type: **not specified**

High efficiency (>70%) in the high (>1.0) micropervance klystrons

Tuesday 3 June 2014 11:45 (30 minutes)

Presenter: Mr PEAUGER, Franck (CEA / DAPNIA / SACM)

Session Classification: Session 2

Contribution ID: 4

Type: **not specified**

Multiple beam klystrons using double convergent electron guns with periodic permanent magnet (PPM) focusing.

Tuesday 3 June 2014 12:15 (30 minutes)

Presenter: IVES, Lawrence (Calabazas Creek Research, Inc.)

Session Classification: Session 2

Contribution ID: 5

Type: **not specified**

X-band high RF power testing at CERN

Tuesday 3 June 2014 12:45 (30 minutes)

Presenter: SYRATCHEV, Igor (CERN)

Session Classification: Session 2

Contribution ID: 6

Type: **not specified**

Experience with the development and operation of high efficiency MBKs

Tuesday 3 June 2014 14:15 (30 minutes)

Presenter: CHOROBA, Stefan (DESY)

Session Classification: Session 3

Contribution ID: 7

Type: **not specified**

Tetrodes are Efficient

Tuesday 3 June 2014 14:45 (30 minutes)

Presenter: MONTESINOS, Eric (CERN)

Session Classification: Session 3

Contribution ID: 8

Type: **not specified**

Magnetrons for Accelerators

Tuesday 3 June 2014 15:45 (30 minutes)

Presenter: DEXTER, Amos (Lancaster University)

Session Classification: Session 4

Contribution ID: 9

Type: **not specified**

Tetrodes for FREIA & ESS Spoke Linac: An Efficient Choice!

Tuesday 3 June 2014 16:15 (30 minutes)

Presenter: YOGI, Rutambhara Avinash (ESS)

Session Classification: Session 4

Contribution ID: **10**

Type: **not specified**

Development of a multiple beam IOT at 352 MHz.

Wednesday 4 June 2014 09:00 (30 minutes)

Presenter: IVES, Robert Lawrence (Calabazas Creek Research, Inc.)

Session Classification: Session 5

Contribution ID: **11**

Type: **not specified**

IOTs for ESS

Wednesday 4 June 2014 09:30 (30 minutes)

Presenter: JENSEN, Morten (European Spallation Source)

Session Classification: Session 5

Contribution ID: 12

Type: **not specified**

Operational experience of high-power RF at Diamond Light Source

Wednesday 4 June 2014 10:00 (30 minutes)

Presenters: BOGUSZ, Aleksander (Diamond Light Source); MARTEN, Peter (Diamond Light Source)

Session Classification: Session 5

Contribution ID: 13

Type: **not specified**

Development of high power solid-state amplifiers at Siemens

Wednesday 4 June 2014 11:00 (30 minutes)

Presenter: SHARKOV, Georgy

Session Classification: Session 6

Contribution ID: 14

Type: **not specified**

Solid State Amplifier at FREIA

Wednesday 4 June 2014 11:30 (30 minutes)

Presenter: DANCILA, Dragos

Session Classification: Session 6

Contribution ID: 15

Type: **not specified**

SOLEIL operational experience with SSA's

Wednesday 4 June 2014 12:00 (30 minutes)

Presenter: MARCHAND, patrick (Synchrotron-SOLEIL)

Session Classification: Session 6

Contribution ID: 16

Type: **not specified**

Significant increase of efficiency of Solid State Amplifiers due to improved ACDC conversion and adaption of P1 point to actual operating power

Wednesday 4 June 2014 12:30 (30 minutes)

Presenter: PUPETER, Nico

Session Classification: Session 6

Contribution ID: 17

Type: **not specified**

Efficient (and not so efficient) klystron work at Lancaster University

Tuesday 3 June 2014 16:45 (20 minutes)

Presenter: LINGWOOD, Chris (Lancaster Univeristy)

Session Classification: Session 4