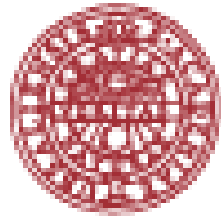


# ESS RF Systems



UPPSALA  
UNIVERSITET

## Report of Contributions

Contribution ID: 0

Type: **not specified**

## **Basic concepts of RF**

*Monday, 12 December 2011 14:00 (1 hour)*

**Presenter:** CASPERS, Fritz (CERN)

**Session Classification:** Tutorial

Contribution ID: 1

Type: **not specified**

## **LLRF control and cavity tuning systems**

*Monday, 12 December 2011 15:00 (1 hour)*

**Presenter:** ZENG, Rihua (ESS)

**Session Classification:** Tutorial

Contribution ID: 2

Type: **not specified**

## **HOM couplers, their consequences and usefullnes**

*Monday, 12 December 2011 16:00 (1 hour)*

**Presenter:** MOLLOY, Stephen (ESS)

**Session Classification:** Tutorial

Contribution ID: 3

Type: **not specified**

## The European Spallation Source

*Tuesday, 13 December 2011 09:15 (1 hour)*

**Presenter:** PEGGS, Stephen (Unknown)

**Session Classification:** Introduction

Contribution ID: 4

Type: **not specified**

## **ESS RF system parameters & staging**

*Tuesday, 13 December 2011 16:00 (1 hour)*

**Presenter:** MCGINNES, David (ESS)

**Session Classification:** Energy Management

Contribution ID: 5

Type: **not specified**

## **Pulse modulator concepts and trade-offs**

*Tuesday, 13 December 2011 15:00 (1 hour)*

**Presenter:** NISBET, David (CERN)

**Session Classification:** RF System Design

Contribution ID: 6

Type: **not specified**

## **ESS Energy strategy**

*Tuesday, 13 December 2011 14:00 (1 hour)*

**Presenter:** PERSSON, Jörgen (ESS)

**Session Classification:** RF System Design



Contribution ID: 7

Type: **not specified**

## **RF energy recovery studies at CERN**

*Tuesday, 13 December 2011 17:00 (1 hour)*

**Presenter:** CASPERS, Fritz (CERN)

**Session Classification:** Energy Management

Contribution ID: 8

Type: **not specified**

## Discussion

*Tuesday, 13 December 2011 18:00 (1 hour)*

**Session Classification:** Energy Management

Contribution ID: 9

Type: **not specified**

## Efficient high power klystrons

*Wednesday, 14 December 2011 09:00 (1 hour)*

**Presenter:** LINGWOOD, Chris (Lancaster Univeristy)

**Session Classification:** RF System Design

Contribution ID: 10

Type: **not specified**

## **RF distribution alternatives**

*Wednesday, 14 December 2011 10:00 (1 hour)*

**Presenter:** YOGI, Rutambhara (Uppsala University)

**Session Classification:** RF System Design

Contribution ID: 11

Type: **not specified**

## **Time and phase synchronisation at ESS**

*Wednesday, 14 December 2011 11:00 (1 hour)*

**Presenter:** JOHANSSON, Anders J. (Lund University)

**Session Classification:** RF System Design

Contribution ID: 12

Type: **not specified**

## Techniques for SRF cavity testing

Contribution ID: 13

Type: **not specified**

## **Towards ESS prototyping and construction**

*Wednesday, 14 December 2011 15:00 (1 hour)*

**Presenter:** DUPERRIER, Romuald (Unknown)

**Session Classification:** Test Stands

Contribution ID: 14

Type: **not specified**

## Discussion

*Wednesday, 14 December 2011 16:00 (1 hour)*

**Session Classification:** Test Stands



Contribution ID: 15

Type: **not specified**

**Tbd**

Contribution ID: 16

Type: **not specified**

# Welcome

*Tuesday, 13 December 2011 09:00 (10 minutes)*

**Presenter:** POSSNERT, Göran (Director Department of Physics and Astronomy, Uppsala University)

**Session Classification:** Introduction

Contribution ID: 17

Type: **not specified**

## **to Measuring Cosmic Acceleration**

**Presenter:** Prof. SCHMIDT, Brian P. (Australian National University)

Contribution ID: **18**

Type: **not specified**

## **The Path to Measuring Cosmic Acceleration**

*Tuesday, 13 December 2011 10:30 (50 minutes)*

**Presenter:** Prof. SCHMIDT, Brian P. (Australian National University)

**Session Classification:** Nobel Lectures

Contribution ID: 19

Type: **not specified**

# Measuring the Acceleration of the Cosmic Expansion Using Supernovae

*Tuesday, 13 December 2011 11:20 (50 minutes)*

**Presenter:** Prof. PERMUTTER, Saul (Lawrence Berkeley National Laboratory)

**Session Classification:** Nobel Lectures

Contribution ID: 20

Type: **not specified**

## **Introduction and goals**

*Tuesday, 13 December 2011 09:10 (5 minutes)*

**Presenter:** RUBER, Roger (Uppsala University (SE))

**Session Classification:** Introduction

Contribution ID: 21

Type: **not specified**

## **LLRF systems for pulsed linacs**

*Wednesday, 14 December 2011 14:00 (1 hour)*

**Presenter:** HASSANZADEGAN, Hooman (ESS)

**Session Classification:** Test Stands