

# **1st FTEC Workshop**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Design and production of a laser emittance meter for LINAC4 (BE3522)**

*Tuesday 27 October 2015 08:30 (10 minutes)*

**Presenter:** BARRIOS DIAZ, Elena

**Session Classification:** Mechanical Engineering

Contribution ID: 1

Type: **not specified**

## **Develop dimensional control techniques (using the FARO arm) for short and long Nb<sub>3</sub>Sn coils (TE3536)**

*Tuesday 27 October 2015 08:40 (10 minutes)*

**Presenter:** FERRADAS TROITINO, Jose (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

**Session Classification:** Mechanical Engineering

Contribution ID: 2

Type: **not specified**

## **Magnet design and construction (TE3528)**

*Tuesday 27 October 2015 08:50 (10 minutes)*

**Presenter:** RUDEIROS FERNANDEZ, Jose Luis (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

**Session Classification:** Mechanical Engineering

Contribution ID: 3

Type: **not specified**

## **Study on heat transfer at low temperatures (TE3542)**

*Tuesday 27 October 2015 09:00 (10 minutes)*

**Presenter:** BAYON LAGUNA, Montserrat (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

**Session Classification:** Mechanical Engineering

Contribution ID: 4

Type: **not specified**

## **Construction and commissioning of electronic test benches (BE3526)**

*Tuesday 27 October 2015 09:15 (10 minutes)*

**Presenter:** Mr RODRIGUEZ DIEZ, Josue (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

**Session Classification:** Electronics Engineering

Contribution ID: 5

Type: **not specified**

## **Versatile Link Demonstrator Board (PH3464)**

*Tuesday 27 October 2015 09:25 (10 minutes)*

**Presenter:** MARTIN LESMA, Raul (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

**Session Classification:** Electronics Engineering

Contribution ID: 6

Type: **not specified**

## **Radiation hard electronics for ATLAS and CMS pixel detector upgrades (PH3468)**

*Tuesday 27 October 2015 09:35 (10 minutes)*

**Presenter:** JARA CASAS, Luis Miguel (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

**Session Classification:** Electronics Engineering

Contribution ID: 7

Type: **not specified**

## **Development of electronics for Radiation Monitoring and Solid State Detector R&D (PH3472)**

*Tuesday 27 October 2015 09:45 (10 minutes)*

**Presenter:** MATEU SUAUI, Isidro (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

**Session Classification:** Electronics Engineering

Contribution ID: 8

Type: **not specified**

## **Modelling and testing of circuit protection of new superconducting magnets for the HL-LHC project (TE3544)**

*Tuesday 27 October 2015 09:55 (10 minutes)*

**Presenter:** FERNANDEZ NAVARRO, Alejandro Manuel (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

**Session Classification:** Electronics Engineering

Contribution ID: 9

Type: **not specified**

## **Design, production and test of readout electronics for the assessment of the radiation hardness of pixel sensor based detector components for the ALICE ITS Upgrade project (PH3462)**

*Tuesday 27 October 2015 10:05 (10 minutes)*

**Presenter:** SANCHEZ GONZALEZ, Andres (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

**Session Classification:** Electronics Engineering

Contribution ID: **10**

Type: **not specified**

## **Calibration of high resolution phase shifters for a CERN accelerator (BE3524)**

*Tuesday 27 October 2015 11:00 (10 minutes)*

**Presenter:** DEL POZO ROMANO, Veronica (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

**Session Classification:** Control Systems

Contribution ID: 11

Type: **not specified**

## **Instrumentation of the Controls Configuration Directory Service**

*Tuesday 27 October 2015 11:10 (10 minutes)*

**Presenter:** GONZALEZ ARIAS, Jose Luis (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

**Session Classification:** Control Systems

Contribution ID: 12

Type: **not specified**

## **Development of built-in diagnostics in the RADE framework (EN2746)**

*Tuesday 27 October 2015 11:20 (10 minutes)*

**Presenter:** ALCOPA BANQUERI, Sixto Luis (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

**Session Classification:** Control Systems

Contribution ID: 13

Type: **not specified**

## **Robotic projects low level control developement (EN2734)**

*Tuesday 27 October 2015 11:30 (10 minutes)*

**Presenter:** Mr DIAZ FONTALVA, Alejandro (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

**Session Classification:** Control Systems

Contribution ID: 14

Type: **not specified**

## **Development of redundant components for industrial control systems (EN3444)**

*Tuesday 27 October 2015 11:40 (20 minutes)*

**Presenter:** CRESTAR SANTOME, Adrian (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

**Session Classification:** Control Systems

Contribution ID: 15

Type: **not specified**

## **Development, modelling and testing of a power converter control system (TE3532)**

*Tuesday 27 October 2015 12:00 (10 minutes)*

**Presenter:** DE PACO SOTO, Luis Miguel (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

**Session Classification:** Control Systems

Contribution ID: 16

Type: **not specified**

## Cooling and ventilation projects (EN3442)

*Tuesday 27 October 2015 12:45 (10 minutes)*

**Presenter:** ZAMALLOA DIAZ, Ander (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

**Session Classification:** Engineering

Contribution ID: 17

Type: **not specified**

## **Development and optimisation of kicker systems for LIU projects (SPS) (TE3530)**

*Tuesday 27 October 2015 12:55 (10 minutes)*

**Presenter:** FERRERO COLOMO, Alvaro (Centro de Investigaciones Energ. Medioambientales y Tecn.  
- (ES)

**Session Classification:** Engineering

Contribution ID: **18**

Type: **not specified**

## **Developments on cryostats for new superconducting accelerator devices (TE3534)**

*Tuesday 27 October 2015 13:05 (10 minutes)*

**Presenter:** ORTIZ FERRER, Carlos (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

**Session Classification:** Engineering

Contribution ID: 19

Type: **not specified**

## **Design, construction follow-up and operation of cold powering test benches (TE3540)**

*Tuesday 27 October 2015 13:15 (10 minutes)*

**Presenter:** LORENZO GOMEZ, Jose Vicente (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

**Session Classification:** Engineering