

6th FTEC Workshop

Report of Contributions

Contribution ID: 0

Type: **not specified**

Assembly and Commissioning of ISOLDE Offline 2 Separator (EN6812)

Tuesday 29 May 2018 09:20 (10 minutes)

Summary

Presenter: MUNOZ PEQUENO, Carlos (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Mechanical Engineering

Contribution ID: 1

Type: **not specified**

CMS Detector Upgrade Services Integration (EP6464)

Tuesday 29 May 2018 09:30 (10 minutes)

Presenter: PENADES HUESCA, Cristina (Centro de Investigaciones Energéticas Medioambientales y Tecnol.)

Session Classification: FTEC 2017: Mechanical Engineering

Contribution ID: 2

Type: **not specified**

Materials Engineering for Target Development (EN6814)

Tuesday 29 May 2018 09:00 (10 minutes)

Presenter: BOIX PAMIES, Ferran (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Mechanical Engineering

Contribution ID: 3

Type: **not specified**

Study and Design of a New Stripper (EN6810)

Tuesday 29 May 2018 09:10 (10 minutes)

Presenter: MAESTRE HEREDIA, Jorge (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Mechanical Engineering

Contribution ID: 4

Type: **not specified**

Design & Implementation of a Versatile Read-Out System for a Second Generation Quench Detection System (TE6770)

Tuesday 29 May 2018 11:20 (10 minutes)

Presenter: BLASCO SERRANO, Daniel (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Electronics Engineering

Contribution ID: 5

Type: **not specified**

Integration & Commissioning of a Prototype Detector (EP7262)

Tuesday 29 May 2018 11:40 (10 minutes)

Presenter: SOTO OTON, Jose Alfonso (Centro de Investigaciones Energéticas Medioambientales y Tecnológico)

Session Classification: FTEC 2017: Electronics Engineering

Contribution ID: 6

Type: **not specified**

Integration Tests & Commissioning of the Upgrade of the ATLAS Liquid-Argon Calorimeters Trigger Readout at the LHC (EP6822)

Tuesday 29 May 2018 11:00 (10 minutes)

Presenter: ARANZABAL BARRIO, Nordin (Centro de Investigaciones Energéticas Medioambientales y Tecno)

Session Classification: FTEC 2017: Electronics Engineering

Contribution ID: 7

Type: **not specified**

The Beam Gas Vetex Trigger System Upgrade (BE6446)

Tuesday 29 May 2018 11:10 (10 minutes)

Presenter: ARIAS VAZQUEZ, Alen (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Electronics Engineering

Contribution ID: 8

Type: **not specified**

Radiation Hard Optical Link (EP6744)

Tuesday 29 May 2018 11:30 (10 minutes)

Presenter: HERNANDEZ MONTESINOS, Daniel (GBTx - BE Group)

Session Classification: FTEC 2017: Electronics Engineering

Contribution ID: 14

Type: **not specified**

Provide a Design Tool for FESA, a Framework for Developing Real-Time Control Software (BE6146)

Tuesday 29 May 2018 08:40 (10 minutes)

Presenter: ORTEGA TORO, Jose Antonio (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Control Systems

Contribution ID: **18**

Type: **not specified**

Modification of Magnet Test Benches in SM18 & Construction of SC Link Test Stand (TE6730)

Tuesday 29 May 2018 10:20 (10 minutes)

Presenter: BENITEZ BERROCAL, Sara (Centro de Investigaciones Energéticas Medioambientales y Tecnol.)

Session Classification: FTEC 2017: Electrical Engineering

Contribution ID: 19

Type: **not specified**

Electromechanical Engineering for the Fabrication of Superconducting Model Magnets (TE6728)

Tuesday 29 May 2018 10:30 (10 minutes)

Presenter: DE PAZ LUDENA, Ricardo (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Electrical Engineering

Contribution ID: 27

Type: **not specified**

Deploy a Devops Software Infrastructure for Agile Software Engineering Project Management (BE6642)

Tuesday 29 May 2018 08:30 (10 minutes)

Presenter: GONZALEZ JIMENEZ, Pablo (Centro de Investigaciones Energéticas Medioambientales y Tecno)

Session Classification: FTEC 2017: Control Systems

Contribution ID: 28

Type: **not specified**

Control and Data Acquisition for Particle Physics Experiments (EP6823)

Tuesday 29 May 2018 08:50 (10 minutes)

Presenter: RODRIGUEZ ALONSO, Manuel Jesus (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Control Systems

Contribution ID: 31

Type: **not specified**

Investigate redundant network filesystem technologies for CERN's Accelerator Control System servers (BE5002)

Tuesday 29 May 2018 14:00 (5 minutes)

Presenter: PINES LEON, Pablo (Centro de Investigaciones Energéticas Medioambientales y Tecnol)

Session Classification: FTEC 2016: Control Systems

Contribution ID: 32

Type: **not specified**

Motion control implementation and validation for high precision, highly reliable moveable devices (EN4942)

Tuesday 29 May 2018 14:05 (5 minutes)

Presenter: SOLA MERINO, Jorge (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2016: Control Systems

Contribution ID: 33

Type: **not specified**

CERN/UNICOS framework technology, for the upgrade of the cryogenic control systems of the SM18 cryogenic test facility (TE4964)

Tuesday 29 May 2018 14:10 (5 minutes)

Presenter: JUSDADO SERRANO, Fernando (Centro de Investigaciones Energéticas Medioambientales y Tecno)

Session Classification: FTEC 2016: Control Systems

Contribution ID: 35

Type: **not specified**

Mechanical Engineer for Design and Construction of Slotted line kickers (BE4986)

Tuesday 29 May 2018 14:15 (5 minutes)

Summary

Presenter: ALONSO ROMERO, Irene (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2016: Mechanical Engineering

Contribution ID: 36

Type: **not specified**

Enhanced performance heat intercepts in superconducting magnet cryostats (TE4824)

Tuesday 29 May 2018 14:25 (5 minutes)

Presenter: NUNEZ CHICO, Ana Belen (Centro de Investigaciones Energéticas Medioambientales y Tecnol.)

Session Classification: FTEC 2016: Mechanical Engineering

Contribution ID: 37

Type: **not specified**

Electropolishing of superconducting RF cavities (TE4962)

Tuesday 29 May 2018 14:30 (5 minutes)

Presenter: PEREZ RODRIGUEZ, Alejandra (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2016: Mechanical Engineering

Contribution ID: 38

Type: **not specified**

Design and analysis of lightweight components for silicon tracker detectors (PH4954)

Tuesday 29 May 2018 14:35 (5 minutes)

Presenter: GOMEZ BOSCH, Ruben (Centro de Investigaciones Energéticas Medioambientales y Tecnol.)

Session Classification: FTEC 2016: Mechanical Engineering

Contribution ID: 40

Type: **not specified**

Refurbishment of electrical substations (EN4946)

Tuesday 29 May 2018 15:00 (5 minutes)

Presenter: VELAZQUEZ GUTIERREZ, Gerardo (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2016: Electrical Engineering

Contribution ID: 42

Type: **not specified**

Computing engineer for robotics (EN4950)

Tuesday 29 May 2018 15:05 (5 minutes)

Summary

Presenter: VEIGA ALMAGRO, Carlos (Centro de Investigaciones Energéticas Medioambientales y Tecno)

Session Classification: FTEC 2016: Electronics Engineering

Contribution ID: 43

Type: **not specified**

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

Tuesday 29 May 2018 15:10 (5 minutes)

Presenter: GONZALEZ, Joaquin (Centro de Investigaciones Energéti cas Medioambientales y Tecno)

Session Classification: FTEC 2016: Electronics Engineering

Contribution ID: 44

Type: **not specified**

Electronics Engineer (TE4842)

Tuesday 29 May 2018 15:15 (5 minutes)

Summary

Presenter: VILLENA PULGAR, Javier (Centro de Investigaciones Energéticas Medioambientales y Tecno)

Session Classification: FTEC 2016: Electronics Engineering

Contribution ID: 45

Type: **not specified**

Upgrade of control electronic of the CERN power converters. (TE4892)

Tuesday 29 May 2018 15:20 (5 minutes)

Presenter: FERNANDEZ-GARCIA, Jose Maria (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2016: Electronics Engineering

Contribution ID: 46

Type: **not specified**

Development of power converter regulation software and code management methods for software quality assurance in the long term (TE4902)

Tuesday 29 May 2018 15:25 (5 minutes)

Presenter: GARCIA FERNANDEZ, Victor Jose (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2016: Electronics Engineering

Contribution ID: 47

Type: **not specified**

Thyratron Power Triggering System for the PS-Complex Kicker Systems (TE4862)

Tuesday 29 May 2018 15:30 (5 minutes)

Presenter: DE NICOLAS LUMBRERAS, Enrique (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2016: Electronics Engineering

Contribution ID: 50

Type: **not specified**

Development of mechanical items to be used in an RF power environment (BE4984)

Tuesday 29 May 2018 14:20 (5 minutes)

Summary

Presenter: ROJO LOPEZ, Miren (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2016: Mechanical Engineering

Contribution ID: 51

Type: **not specified**

Electromechanical engineer for the design and construction of the HL-LHC model magnets (TE6724)

Tuesday 29 May 2018 10:40 (10 minutes)

Summary

Presenter: FERRADAS TROITINO, Salvador (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Electrical Engineering

Contribution ID: 55

Type: **not specified**

Mechanical Engineer for the Design & Construction of the LHC Model Magnets (TE6726)

Tuesday 29 May 2018 09:40 (10 minutes)

Presenter: SABORIT ROJAS, Enrique (Centro de Investigaciones Energéti cas Medioambientales y Tecno)

Session Classification: FTEC 2017: Mechanical Engineering

Contribution ID: 56

Type: **not specified**

Mechanical Engineering for the Design and Construction of High Power RF Devices (BE6488)

Tuesday 29 May 2018 09:50 (10 minutes)

Summary

Presenter: SAURA ESTEBAN, Francisco Javier (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Mechanical Engineering

Contribution ID: 57

Type: **not specified**

Power Electronics System Testing and Commissioning (TE6528)

Tuesday 29 May 2018 10:50 (10 minutes)

Presenter: NAVARRO PATRON, Guillermo (Centro de Investigaciones Energéticas Medioambientales y Tecnológicas)

Session Classification: FTEC 2017: Electrical Engineering

Contribution ID: 59

Type: **not specified**

Comments on the 2016 FTEC Program Development

Tuesday 29 May 2018 15:35 (55 minutes)

Contribution ID: **60**

Type: **not specified**

Comments on the 2017 FTEC Program Development

Tuesday 29 May 2018 11:50 (40 minutes)

Contribution ID: **61**

Type: **not specified**

Coffee break

Tuesday 29 May 2018 10:00 (20 minutes)