

# ICALEPCS 2017 Workshop: PLC based control systems



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## **ALBA, Spain**

**Session Classification:** Presentation of Institutes

Contribution ID: 2

Type: **not specified**

## **Brookhaven, USA**

**Session Classification:** Presentation of Institutes

Contribution ID: 3

Type: **not specified**

## **Budker Institute of Nuclear Physics, Russian Federation**

*Saturday, 7 October 2017 09:40 (5 minutes)*

**Presenter:** CHEBLAKOV, Pavel

**Session Classification:** Presentation of Institutes

Contribution ID: 5

Type: **not specified**

## **CERN, Switzerland**

*Saturday, 7 October 2017 09:45 (5 minutes)*

**Presenter:** BLANCO, Enrique

**Session Classification:** Presentation of Institutes

Contribution ID: 7

Type: **not specified**

## **DESY, Germany**

*Saturday, 7 October 2017 09:50 (5 minutes)*

**Presenter:** PETERS, Falko

**Session Classification:** Presentation of Institutes

Contribution ID: 8

Type: **not specified**

## **Diamond Light Source, UK**

*Saturday, 7 October 2017 09:55 (5 minutes)*

**Presenter:** NUTTNER, Brian

**Session Classification:** Presentation of Institutes

Contribution ID: 9

Type: **not specified**

## **Eli Beamlineas, Czech Republic**

**Session Classification:** Presentation of Institutes



Contribution ID: **10**

Type: **not specified**

## **ELI-Alps, Hungary**

*Saturday, 7 October 2017 10:00 (5 minutes)*

**Presenter:** SCHRETTNER, Lajos

**Session Classification:** Presentation of Institutes

Contribution ID: **11**

Type: **not specified**

## **ESS, Sweden**

**Session Classification:** Presentation of Institutes

Contribution ID: 12

Type: **not specified**

## Facility for Rare Isotope Beams, USA

*Saturday, 7 October 2017 10:05 (5 minutes)*

**Presenter:** DAVIDSON, Kelly

**Session Classification:** Presentation of Institutes

Contribution ID: 13

Type: **not specified**

## **Grand Accélérateur Nat. D'ions Lourds, France**

**Session Classification:** Presentation of Institutes

Contribution ID: 14

Type: **not specified**

## **HZDR, Germany**

*Saturday, 7 October 2017 10:10 (5 minutes)*

**Presenter:** JUSTUS, Matthias

**Session Classification:** Presentation of Institutes

Contribution ID: 15

Type: **not specified**

## **Japan synchrotron radiation research institute, Japan**

**Session Classification:** Presentation of Institutes

Contribution ID: 16

Type: **not specified**

## **Max Planck Institute for Chemical Energy Conversion, Germany**

**Session Classification:** Presentation of Institutes

Contribution ID: 17

Type: **not specified**

## **Sesame, Jordania**

*Saturday, 7 October 2017 10:15 (5 minutes)*

**Presenter:** SALEH, Ibrahim

**Session Classification:** Presentation of Institutes



Contribution ID: **18**

Type: **not specified**

## **SLAC, USA**

*Saturday, 7 October 2017 10:20 (5 minutes)*

**Presenter:** MATTISON, Kevin

**Session Classification:** Presentation of Institutes

Contribution ID: **19**

Type: **not specified**

## **SOLEIL, France**

*Saturday, 7 October 2017 10:25 (5 minutes)*

**Presenter:** ROMMELUERE, Patrick

**Session Classification:** Presentation of Institutes

Contribution ID: 20

Type: **not specified**

## **XFEL, Germany**

*Saturday, 7 October 2017 10:35 (5 minutes)*

**Presenter:** VONDAR, Valerii

**Session Classification:** Presentation of Institutes

Contribution ID: 21

Type: **not specified**

## **Grand Accélérateur Nat. D'ions Lourds, France**

**Session Classification:** Presentation of Institutes

Contribution ID: 22

Type: **not specified**

## **Facility for Rare Isotope Beams, USA**

**Session Classification:** Presentation of Institutes

Contribution ID: 23

Type: **not specified**

## CEA Saclay

### Summary

**Session Classification:** Presentation of Institutes

Contribution ID: 24

Type: **not specified**

## **INFN-LNL**

**Session Classification:** Presentation of Institutes

Contribution ID: 25

Type: **not specified**

## **STFC Daresbury Laboratory**

**Session Classification:** Presentation of Institutes



Contribution ID: 26

Type: **not specified**

## Welcome.

*Saturday, 7 October 2017 09:20 (10 minutes)*

Time to set up the presentations

Contribution ID: 27

Type: **not specified**

## **PROCON, Spain**

*Saturday, 7 October 2017 10:40 (5 minutes)*

**Presenter:** MARCHANTE, Daniel

**Session Classification:** Presentation of Institutes

Contribution ID: 28

Type: **not specified**

## **Scientifica International S.L.U., Spain**

*Saturday, 7 October 2017 10:45 (5 minutes)*

**Presenter:** REYES, Juan

**Session Classification:** Presentation of Institutes

Contribution ID: 29

Type: **not specified**

## **Graphical representation to describe safety logic**

*Saturday, 7 October 2017 11:30 (15 minutes)*

**Presenter:** ROMMELUERE, Patrick (SOLEIL, France)

**Session Classification:** Specifications

Contribution ID: **30**

Type: **not specified**

## **Object-based development**

*Saturday, 7 October 2017 12:15 (15 minutes)*

**Presenter:** ROMMELUERE, Patrick (SOLEIL, France)

**Session Classification:** Project development

Contribution ID: 31

Type: **not specified**

## **UNICOS: A framework for industrial control applications**

*Saturday, 7 October 2017 12:30 (15 minutes)*

**Presenter:** Dr BLANCO VINUELA, Enrique (CERN)

**Session Classification:** Project development

Contribution ID: **32**

Type: **not specified**

## **FRIB PLC Testing and Verification process**

*Saturday, 7 October 2017 14:30 (15 minutes)*

**Presenter:** DAVIDSON, Kelly (FRIB, USA)

**Session Classification:** Testing & verification

Contribution ID: 33

Type: **not specified**

## **Formal Verification applied to PLC programs**

*Saturday, 7 October 2017 14:45 (15 minutes)*

**Presenter:** FERNANDEZ ADIEGO, Borja (CERN)

**Session Classification:** Testing & verification



Contribution ID: 34

Type: **not specified**

## **Versioning: VersionDog use case**

*Saturday, 7 October 2017 15:30 (15 minutes)*

**Presenter:** ORTOLA VIDAL, Jeronimo (CERN)

**Session Classification:** Application management

Contribution ID: 35

Type: **not specified**

## **STFC Daresbury Laboratory**

*Saturday, 7 October 2017 10:30 (5 minutes)*

**Presenters:** OATES, Adrian; OATES, Adrian

**Session Classification:** Presentation of Institutes