

EIROforum IWG Workshop on Systems Engineering

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Wednesday 5 February 2025 09:20 (10 minutes)

Presenters: HAUF, Steffen (Eur XFEL (European XFEL)); APLIN, Steve (Eur XFEL (European XFEL))

Session Classification: Introduction

Contribution ID: 2

Type: **not specified**

ESA

Wednesday 5 February 2025 09:30 (5 minutes)

Presenter: PROD' HOMME, Thibaut (ESA)

Session Classification: Introduction

Contribution ID: 3

Type: **not specified**

ESO

Wednesday 5 February 2025 09:35 (5 minutes)

Presenter: EGNER, Sebastian (ESO)

Session Classification: Introduction

Contribution ID: 4

Type: **not specified**

EMBL

Wednesday 5 February 2025 09:40 (5 minutes)

Presenter: PAPP, Gergely (EMBL)

Session Classification: Introduction

Contribution ID: 5

Type: **not specified**

CERN

Wednesday 5 February 2025 09:45 (5 minutes)

Presenter: BARNEY, David (CERN)

Session Classification: Introduction

Contribution ID: 6

Type: **not specified**

ILL

Wednesday 5 February 2025 09:50 (5 minutes)

Presenter: MUTTI, Paolo (ILL)

Session Classification: Introduction

Contribution ID: 7

Type: **not specified**

Eurofusion

Wednesday 5 February 2025 09:55 (5 minutes)

Presenter: FIGUEIREDO, Joao (EUROFusion)

Session Classification: Introduction

Contribution ID: 8

Type: **not specified**

ESRF

Wednesday 5 February 2025 10:00 (5 minutes)

Presenter: SOLE, V. Armando (ESRF)

Session Classification: Introduction

Contribution ID: 9

Type: **not specified**

European XFEL

Wednesday 5 February 2025 10:05 (5 minutes)

Presenter: HAUF, Steffen (Eur.XFEL (European XFEL))

Session Classification: Introduction

Contribution ID: **10**

Type: **not specified**

Tools, Processes & Collaboration

Thursday 6 February 2025 11:00 (20 minutes)

Session Classification: Breakout Sessions

Contribution ID: **11**

Type: **not specified**

Usability & Resilience

Thursday 6 February 2025 11:20 (20 minutes)

Session Classification: Breakout Sessions

Contribution ID: **12**

Type: **not specified**

Testing & Commissioning

Thursday 6 February 2025 11:40 (20 minutes)

Session Classification: Breakout Sessions

Contribution ID: 13

Type: **not specified**

ESA - Requirements definition and new SE processes (Agile/SAFE, MBSE)

Wednesday 5 February 2025 10:50 (20 minutes)

Presenter: LORENZO ALVAREZ, Jose (ESA)

Session Classification: Presentations

Contribution ID: 14

Type: **not specified**

EUROfusion - Complexity Management: The role of MBSE and Dependency Structure Matrices

Wednesday 5 February 2025 11:10 (20 minutes)

Presenter: BEERNAERT, Torben (EUROfusion)

Session Classification: Presentations

Contribution ID: 15

Type: **not specified**

EMBL - Streamlining Systems Engineering: EMBL Hamburg Instrumentation Team's Approach

Wednesday 5 February 2025 11:30 (20 minutes)

Presenter: RODRIGUEZ GARCIA, Enrique (EMBL)

Session Classification: Presentations

Contribution ID: 16

Type: **not specified**

ESO - Overview of Systems Engineering at ESO

Wednesday 5 February 2025 11:50 (20 minutes)

Presenter: SCHMID, Christian (ESO)

Session Classification: Presentations

Contribution ID: 17

Type: **not specified**

ESO - Requirements Management: From science needs to technical specifications

Wednesday 5 February 2025 12:10 (20 minutes)

Presenter: CORTES, Angela (ESO)

Session Classification: Presentations

Contribution ID: **18**

Type: **not specified**

CERN - PLM platform for supporting the Digital thread and SE processes

Wednesday 5 February 2025 13:35 (20 minutes)

Presenter: FRIMAN, Per-Olof

Session Classification: Presentations

Contribution ID: 20

Type: **not specified**

ESRF - EBS small beam, heat load issues and new positioning requirements

Wednesday 5 February 2025 13:55 (40 minutes)

Presenter: EYBERT, Laurent (ESRF)

Session Classification: Presentations

Contribution ID: **21**

Type: **not specified**

EuXFEL - DSSC Detector

Thursday 6 February 2025 10:00 (20 minutes)

Presenter: LOMIDZE, David (EuXFEL)

Session Classification: Presentations

Contribution ID: 23

Type: **not specified**

EMBL - Engineering control solutions for microscopy

Thursday 6 February 2025 09:00 (20 minutes)

Presenter: HAMBURA, Sebastian (EMBL-HD)

Session Classification: Presentations

Contribution ID: 24

Type: **not specified**

ESA - Model-based system engineering

Thursday 6 February 2025 09:20 (20 minutes)

Presenter: LORENZO ALVAREZ, Jose (ESA)

Session Classification: Presentations

Contribution ID: 25

Type: **not specified**

CERN - CMS HGCAL Detector - Integration

Thursday 6 February 2025 09:40 (20 minutes)

Presenter: FRENCH, Thomas

Session Classification: Presentations

Contribution ID: 26

Type: **not specified**

Verifying Operational Readiness with EuXFEL's Control Ecosystem

Thursday 6 February 2025 10:20 (20 minutes)

Presenter: SILENZI, Alessandro (Eur.XFEL (European XFEL))

Session Classification: Presentations

Contribution ID: 27

Type: **not specified**

ESA - System engineering in space domain and at ESA

Wednesday 5 February 2025 10:30 (20 minutes)

Presenter: MESTREAU, Agnes (ESA)

Session Classification: Presentations

Contribution ID: 28

Type: **not specified**

EuXFEL - Engineering the PLC Framework

Wednesday 5 February 2025 14:35 (20 minutes)

Presenters: HUYNH, Sylvia (Eur.XFEL (European XFEL)); FREYERMUTH, Tobias (Eur.XFEL (European XFEL))

Session Classification: Presentations

Contribution ID: 29

Type: **not specified**

IWG Coordination Meeting

Thursday 6 February 2025 08:00 (30 minutes)