

EIROforum IWG Workshop on Systems Engineering

Wednesday 5 February 2025

Presentations: Processes & Tools - Lighthouse (10:30 - 12:30)

time	[id] title	presenter
10:30	[27] ESA - System engineering in space domain and at ESA	MESTREAU, Agnes
10:50	[13] ESA - Requirements definition and new SE processes (Agile/SAFE, MBSE)	LORENZO ALVAREZ, Jose
11:10	[14] EUROfusion - Complexity Management: The role of MBSE and Dependency Structure Matrices	BEERNAERT, Torben
11:30	[15] EMBL - Streamlining Systems Engineering: EMBL Hamburg Instrumentation Team's Approach	RODRIGUEZ GARCIA, Enrique
11:50	[16] ESO - Overview of Systems Engineering at ESO	SCHMID, Christian
12:10	[17] ESO - Requirements Management: From science needs to technical specifications	CORTES, Angela

Presentations: Example Projects - Lighthouse (13:30 - 15:00)

time	[id] title	presenter
13:35	[18] CERN - PLM platform for supporting the Digital thread and SE processes	FRIMAN, Per-Olof
13:55	[20] ESRF - EBS small beam, heat load issues and new positioning requirements	EYBERT, Laurent
14:35	[28] EuXFEL - Engineering the PLC Framework	HUYNH, Sylvia FREYERMUTH, Tobias

Thursday 6 February 2025

Presentations: Example Projects - Lighthouse (09:00 - 10:40)

time	[id] title	presenter
09:00	[23] EMBL - Engineering control solutions for microscopy	HAMBURA, Sebastian
09:20	[24] ESA - Model-based system engineering	LORENZO ALVAREZ, Jose
09:40	[25] CERN - CMS HGCAL Detector - Integration	FRENCH, Thomas
10:00	[21] EuXFEL - DSSC Detector	LOMIDZE, David
10:20	[26] Verifying Operational Readiness with EuXFEL's Control Ecosystem	SILENZI, Alessandro