

Agenda

Mid-term Review + Training School-2

Date: 20.11. – 24.11.2023
Venue: Siemens Process Systems Engineering Limited, 6th Floor East
 26-28 Hammersmith Grove, London W6 7HA, United Kingdom
Host: Bart de Groot (b.degroot@siemens.com)
Co-Host: Pinto Christy (Pinto.Christy@flsmidth.com)
PO (Project Officer): Thomas Vyzikas (Thomas.Vyzikas@ec.europa.eu)

Day-1, Monday, 20 Nov Mid-term Review

Time (GMT)	Presentations	Presenter	Audience
12:45 – 13:00	Get together		
13:00 – 14:15	Welcome address and tour de table	Pinto	PO, DCs, Supervisors
14:15 – 15:00	European Research Executive Agency Presentation	PO	PO, DCs, Supervisors
15:00 – 15:30	Coordinator's Status Report Presentation	Pinto	PO, DCs, Supervisors
15:30 – 16:00	Coffee and Discussions		
16:00 – 17:45	DC1-7 presentations, each 10 min + 5 min discussion	DCs	PO, DCs, Supervisors
18:45 – 20:00	Joint Dinner (Food will be served from 19:00)		

Day-2, Tuesday, 21 Nov Mid-term Review (before Lunch)

Time (GMT)	Presentations	Presenter	Audience
08:45 – 09:00	Get together		
09:00 – 09:30	Training plan, synergies with DETOCS and outlook	Pinto Christy	PO, DCs, Supervisors
09:30 – 10:30	Restricted discussion session with DCs	PO	DCs and PO
10:30 – 11:00	Coffee and Discussions		
11:00 – 12:00	Feedback and open discussion together with PO	PO	PO, DCs, Supervisors
12:00 – 13:00	PO farewell & Lunch		

Day-2, Tuesday, 21 Nov Transferable Skills Training (post lunch)

Time (GMT)	Presentations	Presenter	Audience
13:00 – 13:30	Round table discussion – Careers in academia and science	Mette Geiker	DCs & Supervisors
13:30 – 14:00	Industry view - Careers at Siemens	Siemens Talent Team	DCs & Supervisors
14:00 – 14:45	Scientific publications and workflow	Federico d'Amore	DCs & Supervisors
14:45 – 15:00	Coffee and Discussions		
15:00 – 15:30	Project Management I	Pinto Christy	DCs & Supervisors
15:30 – 16:00	Project Management Q&A session and best practice	Pinto Christy	DCs & Supervisors
18:00 – 22:00	Optional Joint Dinner		

Day-3, Wednesday, 22 Nov gPROMS and Process Modelling (for DCs)

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Time	Topic	Speaker
09:00– 09:30 h	Introduction to Siemens and gPROMS technology	Bart de Groot, Onyeka Efese
09:30 – 09:50 h	Recap of Custom modelling: Implementing a lumped model in gPROMS	Onyeka Efese
09:50 – 10:20 h	Recap of Custom modelling: Developing a distributed model in gPROMS	Onyeka Efese
10:20 – 10:35 h	Coffee Break	
10:35 – 11:20 h	Initialisation procedures	Onyeka Efese
11:20 – 11:35 h	How to make models robust – Part 1	Onyeka Efese
11:35 – 12:05 h	Model validation cycle	Roberto Jimenez Jimbo
12:05 – 13:05 h	Lunch break	
13:05 – 13:25 h	Global System Analysis	Roberto Jimenez Jimbo
13:25 – 13:55 h	Optimisation	Roberto Jimenez Jimbo
13:55 – 15:10 h	Publishing unit operation models to a gML-compliant model library	Onyeka Efese
15:10 – 15:25 h	Coffee Break	
15:10 – 16:40 h	Dynamic flowsheet modelling workflow	Onyeka Efese

Day-4, Thursday, 23 Nov gPROMS and Process Modelling (for DCs)

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Time	Topic	Speaker
09:00 – 10:00 h	Reactor modelling	Stepan Spatenka
10:00 – 11:00 h	Solids modelling	Stefan Bellinghausen
11:00 – 11:15 h	Coffee Break	
11:15 – 12:15 h	gPROMS Properties	Goncalo Castro Pereira
12:15 – 13:15 h	Lunch Break	
13:15 – 15:45 h	Track 1: Advanced Optimisation Training	Onyeka Efese
	Track 2: Model validation	Roberto Jimenez Jimbo

Day-5, Friday, 24 Nov
gPROMS and Process Modelling (for DCs)**SIEMENS**

Time	Topic	Speaker
09:00 – 09:30 h	SiGREEN model libraries	Bart de Groot
09:30 – 10:30 h	How to make models robust – Part 2	Roberto Jimenez Jimbo Onyeka Efese
10:30 – 12:30 h	Track 1: Design of Experiments Track 2: gO:Python	Roberto Jimenez Jimbo Onyeka Efese