PSE-Siemens Seminar: Digital design, digital operations – practical approaches to deliver value NOW

공동주관: Process Systems Enterprise(PSE), Siemens

대전컨벤션센터 H발표장(103호) 2019년 10월 25일(금), 13:00~17:15

Chairman: Sean Bermingham, PSE

13:00	Digital design, digital operations – current practice and trends	Mark Matzopoulos, PSE
13:30	[Keynote Lecture] Intelligent digital operations	Mathias Oppelt, Siemens Process Automation
14:00	Intelligent digital operations case studies	Steve Hall, PSE
14:30	Reactor decision support systems for operators	Sang Phil Han, PSE Korea
15:00	Coffee break	

Chairman: Sang Phil Han, PSE Korea

15:30	[Keynote Lecture] Digital design for formulated products – pharma, food & specialty chemicals	Sean Bermingham, PSE
15:45	Case: Digital design of drug substance manufacture	
15:55	Case: Digital design of continuous drug manufacturing processes	
16:05	Case: Digital design of spray drying processes for food manufacture	
16:15	Case: Digital design of lithium processing operations	
16:25	Co-simulation for detailed equipment design – spray dryers	Ravindra Aglave, Siemens PLM Software
16:55	Wrap-up and discussion	

Speaker

Mathias Oppelt

2008	BSc, General Eng., Hamburg Univ. of Tech.
2015	Ph.D., Technical Univ. of Dresden
Present	Head of Modelling & Simulation at Siemens

Steve Hall

1989	Ph.D., Chem. Eng., Univ. of Manchester
2012	COO, Process Integration Limited
2014	CEO, Nova Process
Present	Director of Digital Applications, Operational Excellence Solutions at PSE

Ravindra Aglave

1994	Master in Chem. Eng., Univ. of Bombay
2012	Ph.D., Natural Sciences, Univ. of Heidelberg
Present	Director of Energy & Process (Computational Fluid & Particle Simulations) at Siemens

Organizer/Chairman/Speaker

Sang Phil Han

1995	Ph.D., Chem. Eng., KAIST
1997	Project Leader, LG Chem
Present	President of PSE Korea/PSE APAC

Organizer/Speaker

Mark Matzopoulos

1979	BSc, Chem. Eng., Univ. of Cape Town Chem. Engineer with 35 years' experience in the application of simulation and modelling to industrial processes
Present	VP of Energy & Chem. / Head of Strategic Alliances, Deputy CEO at PSE

Chairman/Speaker

Sean Bermingham

2000	Ph.D., Chem. Eng., Delft Univ. of Tech.
2010	Executive MBA, Imperial College London
Present	VP of Formulated Products BU at PSE