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

Organizer/Chairman/Speaker: Sean Bermingham, PSE

Organizer/Chairman/Speaker: Mark Matzopoulos, PSE

Organizer/Chairman/Speaker: Sang Phil Han, PSE Korea

Organizer/Chairman/Speaker: Ravidra Aglave, Siemens PLM Software

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**Program**

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

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