

FORUM SCHEDULE

SEPTEMBER 14, 2023

Rechbauerstraße 12, 8010 Graz



SCAN FOR GOOGLE MAPS

ARRIVAL & COFFEE

08:30 - 09:00

OPENING REMARKS

JOHANNES KHINAST // RCPE & GRAZ UNIVERSITY OF TECHNOLOGY

09:00 - 09:10

SESSION #1: SIMULATION AND MODELING

09:10 - 11:50

JONATHAN MEYER // PFIZER

09:10 - 09:40

Bending Space and Time Through Light Speed Continuous Drug Product Manufacture with Process Modelling and Control

EMMANUELA GAVI // ROCHE

09:40 - 10:10

The Mini-Batch Continuous Direct Compression Technology and Modeling Approaches to Support its Implementation and Application

PETRA SCHÜLE // BOEHRINGER INGELHEIM

10:10 - 10:30

**Continuous Manufacturing of Oral Solid Dosage Forms:
From Microscale Phenomena to Automatic Steering of Entire Plant**

10:30 - 10:50 // COFFEE & REFRESHMENTS

DIRK WOLLAERT & BARBARA LEDERER // SIEMENS

10:50 - 11:10

**Simulation and Digital Twin:
A Captivating Combination for Continuous Manufacturing**

ELISABETH FINK // RCPE

11:10 - 11:30

Artificial Intelligence for Continuous Manufacturing

FALK PFITZER & TOBIAS MIUNSKA // HARRO HÖFLIGER

11:30 - 11:50

Digital Transformation with the Harro-Core in Continuous Manufacturing in the Pharmaceutical Industry

11:50 - 12:50 // LUNCH & POSTER SESSION

SESSION #2: NANO MANUFACTURING & BIOLOGICS

12:50 - 13:50

FAY METSI-GUCKEL // MERCK

12:50 - 13:10

Automation Toolbox for Continuous Manufacturing of Biologics

STEVE MESITE // MICROFLUIDICS

13:10 - 13:30

Scalable Technology Helps Overcome Pharmaceutical Nanoparticle Manufacturing Challenges

RAMONA JEITLER // RCPE

13:30 - 13:50

Development of a Continuous In-Line Monitored Lab Plant for Nanoparticle Production Based on the Microfluidizer® Technology

OUR PARTNERS:

SYNTEGON

PROCESSING & PACKAGING

Phyllon

pharmaceutical technology



Surface Measurement Systems
World Leader in Sorption Science

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SESSION #3: CONTINUOUS MANUFACTURING

13:50 - 17:00

KAI ROSSEN // ORGANIC PROCESS RESEARCH AND DEVELOPMENT (EDITOR-IN-CHIEF)

13:50 - 14:20

Challenges for Process Chemistry

PETER PÖCHLAUER // THERMO FISHER SCIENTIFIC

14:20 - 14:40

Linking Continuous Manufacturing of APIs to Advanced Analytics and Data Processing

C. OLIVER KAPPE // UNIVERSITY OF GRAZ

14:40 - 15:00

The Use of Continuous Processing towards API Manufacturing

15:00 - 15:20 // COFFEE & REFRESHMENTS

SUSANNA ABRAHMSÉN-ALAMI // ASTRAZENECA

15:20 - 15:40

Robust HPMC based Extended Release Tablets via Continuous Direct Compression

ROBIN MEIER // L.B. BOHLE

15:40 - 16:00

Rapid and Material Sparing Process and Formulation Development by Small Scale Continuous Granulation and Drying

SARA FATHOLLAHI // DFE PHARMA

16:00 - 16:20

Effect of Batch to Batch Variation of Raw Materials on Feeders Performance in Continuous Pharmaceutical Manufacturing

THOMAS BRINZ // SYNTEGON

16:20 - 16:40

Fully Automated and DoE-Based Development of an Oral Solid Dosage Form

JOSHUA GEIGER, NICOLAS WALTER & ANNA NOVIKOVA // FETTE COMPACTING

16:40 - 17:00

ePAT (Embedded Process Analytical Technology) for High-Speed Quality Control of Tablet Production

SUMMARY & CLOSING

17:00 - 17:05

AFTER-CONFERENCE-SOCIAL WITH HUMAN.TECHNOLOGY STYRIA*

17:30 - 20:00

**ADVANCED PHARMACEUTICAL MANUFACTURING:
MADE IN STYRIA**

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