

1st APV Continuous Manufacturing Conference

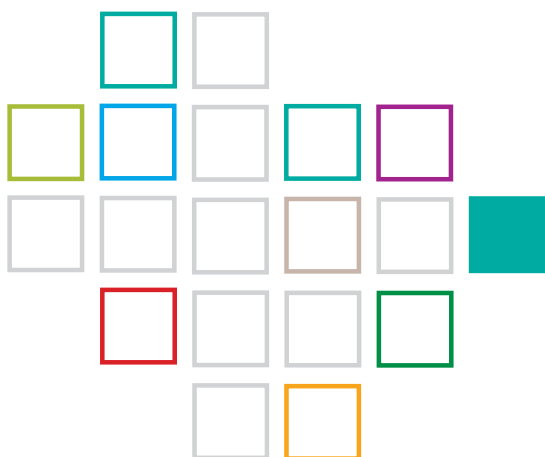


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*First 60 participants
will have the opportunity to
visit the CM facility!*

19 to 20 February 2019
Antwerp/Beerse, Belgium

Course no. 6762



Pharmaceutical Manufacturing

Target group

People working in formulation & process development, engineering, quality, commercial manufacturing, academia and authorities.

Conference is built up out of four session topics

- Control strategy for CM
- Cleaning concepts and containment in CM
- Challenges & opportunities in early and late development
- Labtour & poster exhibition

Kindly supported by



Janssen Research & Development –
a division of Janssen Pharmaceutica NV



Arbeitsgemeinschaft für Pharmazeutische Verfahrenstechnik e.V.
Gemeinnütziger wissenschaftlicher Verein
International Association for Pharmaceutical Technology

Exhibition • Poster presentation



Objectives

- Learn about the approaches for control strategies in continuous manufacturing from different pharmaceutical companies
- Learn about the state of the art regarding cleaning concepts and containment in continuous manufacturing from leading equipment suppliers
- Learn about challenges and opportunities in early and late CM development from industrial and academic perspectives
- See the Janssen continuous manufacturing line for development
- Exchange ideas at the posters and table tops

Companies and academia that are already attending

- Novartis
- Johnson&Johnson
- Glaxo Smith Kline
- AstraZeneca
- Lilly
- Patheon
- Rutgers University
- Ghent University
- Sheffield University
- SSPC
- BfArM

A conference kindly supported by the APV Task Force Continuous Manufacturing led by Horst Dieter Friedel, Head of External Affairs, Bayer, Corporate Quality, Germany.

Comittee

- Giustino di Pretoro, Janssen Research & Development – a division of Janssen Pharmaceutica NV, Belgium
- Dejan Djuric, Bayer, Germany
- Peter Kleinebudde, Heinrich-Heine University Düsseldorf, Germany
- Geert Verreck, Janssen Research & Development – a division of Janssen Pharmaceutica NV, Belgium

Programme

Tuesday, 19 February 2019

9:00-17:00 h

Plenary lecture

Where are we with continuous manufacturing today?
Fernando J. Muzzio, Rutgers University, New Jersey, United States

Early Development Considerations for Feeding and Blending of Continuous Manufacturing
Jie Ren, Merck Sharp & Dohme Corp., United States

Session 1: Control strategy for continuous manufacturing

- Novartis
- Janssen Research & Development
- Glaxo Smith Kline
- Merck Sharp & Dohme Corp.
- AstraZeneca
- Lilly

Session 2: Cleaning concepts and containment in continuous manufacturing

- GEA Group
- Bosch Packaging Technology
- L.B. Bohle Verfahren+Maschinen
- Glatt
- IMA

Horizontal versus vertical design – pros and cons
Gebrüder Lödige Maschinenbau

Plenary lecture

EMA perspective on continuous manufacturing
Jobst Limberg, BfArM, Germany

Session 3: Challenges and opportunities in early and late development

Continuous manufacturing technology in pharmaceutical industry: recent innovations
Agba Salman, University of Sheffield, United Kingdom

Development strategies for continuous manufacturing

Bernd van Snick, Janssen Research & Development – a division of Janssen Pharmaceutica NV, Belgium

Networking dinner

1st APV Continuous Manufacturing Conference

Programme

Wednesday, 20 February 2019 09:00-17:00 h

Session 3: Challenges and opportunities in early and late development

Down-scale approaches for API need reduction
Chris Vervaeke, Ghent University, Belgium

MCS concept for continuous manufacturing
Kendall Pitt, Glaxo Smith Kline, United Kingdom

Formulation aspects for continuous manufacturing
Thomas De Beer, Ghent University, Belgium

Modelling application for formulation development
Fernando J. Muzzio, Rutgers University, New Jersey, United States

Tech-transfer or CDMO approach
Eric Jayjock, Patheon Inc., North Carolina, United States

Design space exploration of materials and process variables for modelling of the roll compaction process
Patrick Cronin, SSPC, Bernal Institute, University of Limerick, Ireland

Final discussion

Session 4: Labtour* and poster exhibition

- * Accomplishment of the lab visit is dependent on environmental influences.
- * Please note that due to competition reasons, individual participants may be excluded from the factory tour.

* NOTE: LABTOUR FULLY BOOKED (Dec. 2018).



Call for papers



The abstract should be prepared using Microsoft Word as one A4 page typed in Times New Roman, font size 12.

Deadline for abstract submission:
30 November 2018.

Please submit your abstracts by e-mail to Martin Bornhöft
mb@apv-mainz.de. You will be notified of acceptance of your paper by December 2018.

Exhibition

We are offering table top exhibition spaces to you. One table top includes:

- 1 table
- 2 chairs
- electricity

For only 990 Euro plus one mandatory full conference registration you will get the ability to display your company, products and services to a very focused and international target market.

Please get in touch with Martin Bornhöft
mb@apv-mainz.de. He will provide you with the current floor plan and any other helpful information about exhibiting at the 1st APV Continuous Manufacturing Conference.

Our service for you



We provide **transfers** from the Hyllit Hotel, Antwerp to the Janssen Research & Development – a division of Janssen Pharmaceutica NV company plant.

If you have any further question to the 1st APV Continuous Manufacturing Conference, please do not hesitate to contact the APV headquarters:



Martin Bornhöft
Managing Director

phone +49 61 31 97 69 30
mail **mb@apv-mainz.de**

Location

Radisson Blu Astrid Hotel
Koningin Astridplein 7
2018 Antwerpen, Belgium
phone 0032 3 203 12 34

Registration fee

Early bird until 30 November 2018
Industry 1490 EUR
Authority/University 745 EUR
Students* 230 EUR

(free of VAT according to § 4,22 UStG)

Rate from 01 Dezember 2018
Industry 1590 EUR
Authority/University 795 EUR
Students* 270 EUR

(free of VAT according to § 4,22 UStG)

Date

Course No. 6762
from 19 February 2019 09:00 h
to 20 February 2019 17:00 h

Coffee breaks, luncheon, dinner
and electronic proceedings
included.

* Limited places for full time
students available; written evidence
must be submitted.

Registration

APV-Headquarters
Kurfürstenstraße 59
55118 Mainz/Germany
phone 0049 6131 97 69 0
fax 0049 6131 97 69 69
Eemail apv@apv-mainz.de
web www.apv-mainz.de

You will receive a confirmation of
your registration with the invoice.

I herewith repealable authorise the
organizers to use my e-mail address
to send me relevant material
including current programme
information. My acceptance can be
cancelled at any time in writing.

Hotel reservation

Hyllit Hotel
De Keyserlei 28-30
2018 Antwerp, Belgium
phone 0032 3 202 68 00
fax 0032 3 202 68 90

Participants should make their own
hotel reservation referring to the
APV seminar.

Deadline for special conference
rate: 21 January 2019.

Special rate:
Single room incl. breakfast from
144,00 € per night.

Mainz, June 2018

1st APV Continuous Manufacturing Conference, 19 to 20 February 2019, Beerse, Belgium, Course no.: 6762

Registration

As soon as you have found a seminar of your interest,
it is very easy to register for it via fax, e-mail or
online. We will process your registration promptly
and certainly are available for any questions that may
arise.

Registration confirmation

After your registration was successfully processed,
you will receive a confirmation.

Before the event

A few days before the event starts, you will receive
important information about the seminar, such as
time, date, addresses etc.

After the event

You will receive a certificate confirming your
participation. Furthermore, we would like to ask you
to fill-in our evaluation sheet to make sure we get
better every time.

Follow-up

After the event, we are open to receive any
suggestions and critique that might arise during
the seminar and will certainly help you with further
questions you may have.

☐ pay via invoice

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☐ Visa

☐ MasterCard

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Department *

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Signature

* Mandatory

**Arbeitsgemeinschaft für Pharmazeutische
Verfahrenstechnik e.V.**
Gemeinnütziger wissenschaftlicher Verein
International Association for Pharmaceutical
Technology

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