

TTC TECHNOLOGY TRAINING CENTER

Workshop 242

TABLET COATING

18–20 June 2018



BACKGROUND

On the one hand, increasing international competition is forcing companies to optimize their manufacturing and R&D processes.

These trends increase quality and efficiency demands especially for the processing of oral solid dose forms as the predominant galenic form. This includes the important step of tablet coating at the end of the process.

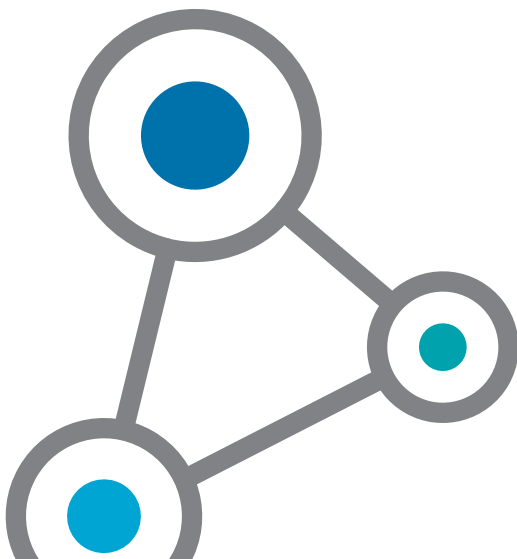
On the other hand, there are few options to obtain a perfect mix of theoretical and practical training.

We want to bridge this gap between business and education with our decades of experience in the manufacture and use of production equipment. What makes our specialized training so special is:

THE UNIQUE HANDS-ON APPROACH.

WHO SHOULD ATTEND?

Operating and research staff employed in the pharmaceutical and other related industries, where compliance to GMP standards, accuracy and reproducibility are absolutely essential.



PROGRAM

MONDAY, 18 JUNE 2018

12:00 Transfer from the hotel to the TTC

12:30 Reception & registration

13:00 Introduction. **Andreas Gottschalk**

13:10 **Layout and design of perforated drum coaters for pharmaceutical and related industries.** Providing an overview on the typical range of machines used when coating tablets in the various industries. Additionally outlining the required peripheral installations and setup for efficient processes. **Bernd Looser**

13:50 **Optimized film-coating with modern fully formulated film coating systems.** Overview of fully formulated coating systems, formulation and design strategies, comparison of the various polymer systems, mechanical and physicochemical properties, applications, customization for troubleshooting. **Paul Smith**

FILM-COATING IN PERFORATED PANS I

14:35 **Part 1 – Preparation of the Machine:** Outlining the influence of batch-size on the setup of the spray guns and the exhaust air shoe. **Wolfgang Dejan**

15:15 Coffee break

FILM-COATING IN PERFORATED PANS II

15:45 **Part 2 - Running the Process:**
Discussing the main (controlled) parameters and the trip conditions for an automated process. **Tim Anders**

16:30 **Excipients for film-coating processes.** Overview of the ingredients commonly used in film coating formulations. **Nina Hauschildt**

17:15 Transfer to hotel

19:30 Workshop dinner

TUESDAY, 19 JUNE 2018

08:15 Transfer to the application laboratory in Pratteln (CH)

PRACTICAL SESSION AT THE APPLICATION LABORATORY

09:00 Introduction to the practical part. **Bernd Looser**

09:15 **Practical session I:**
Experiments in the lab with lab and pilot equipment
Wolfgang Dejan, Christopher Scheer

10:45 **Coffee break**

11:00 Spray technology: hands-on approach. **Wolfgang Dejan**

11:30 Service & Troubleshooting. **Christopher Scheer**

12:00 Factory Tour. **Christopher Scheer**

12:45 **Lunch**

14:00 **Practical session II:**
Experiments in the lab with lab and pilot equipment.
Bernd Looser, Wolfgang Dejan, Tim Anders

16:00 **Coffee break**

16:15 Summary. **Bernd Looser**

16:30 Transfer to the hotel

18:45 Transfer to Workshop dinner

WEDNESDAY, 20 JUNE 2018

08:40 Check-out from hotel and transfer to TTC

09:00 **Important parameters in processing EUDRAGIT® polymers.**
Explaining the influence of formulation components and process parameters on the functionality of EUDRAGIT® based coatings on solid dosage forms. **Nina Hauschildt**

10:00 **Thermodynamic consideration of the film-coating process.**
Identifying the most crucial processing parameters, evaluating their impact on the coating result and deriving a strategy to approach an up-scaling procedure. **Thorsten Cech**

11:00 **Coffee break**

11:30 **GMP compliant cleaning of pharmaceutical equipment.**
Outlining points to consider for the optimized cleaning of equipment in the pharmaceutical industry, including regulations, cleaning parameters, cleaning procedures and hygienic design. **Jochen Berger**

12:30 **Summary and snack buffet**

13:00 Transfer to Basel, German Railway Station (Badischer Bahnhof), Swiss Railway Station (SBB) and Euro Airport

ORGANIZATION

TTC - Technology Training Center

Regina Bernstein / Andreas Gottschalk / Bianca Nowak

Werner-Glatt-Straße 1, 79589 Binzen, Germany

Tel +49 7621 - 664 308

Fax +49 7621 - 664 798

Mail ttc@ttc-binzen.de

LOCATION

Technology Training Center, Binzen, Germany

Glatt AG, Pratteln, Switzerland

For further information and online registration please visit us on:

www.ttc-binzen.de

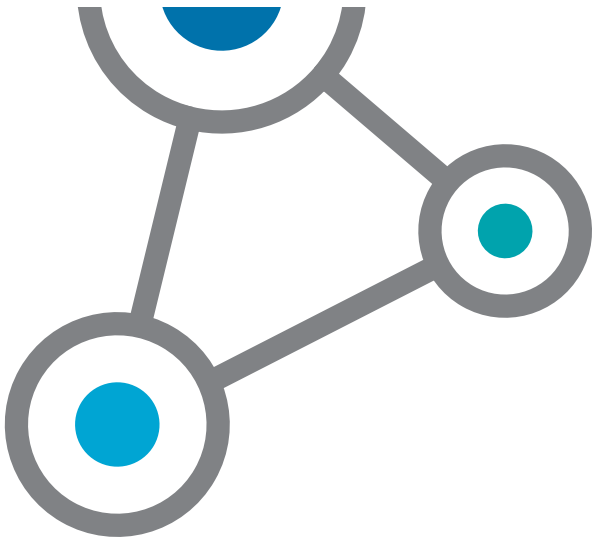


SPEAKERS

Tim Anders	Glatt AG , Switzerland
Jochen Berger	Ecolab (Schweiz) GmbH, Switzerland
Thorsten Cech	BASF SE, Germany
Wolfgang Dejan	Glatt AG , Switzerland
Nina Hauschildt	Evonik Nutrition & Care GmbH, Germany
Bernd Looser	Glatt AG, Switzerland
Christopher Scheer	Glatt AG, Switzerland
Dr. Paul Smith	Colorcon Ltd., UK

DETAILS

- >> The participation fee is € 1490.– (exclusive of VAT).
- >> This fee includes participation, accompanying course notes, daytime catering and dinner. Any other expenses are to be borne by the attendee.
- >> Free attendance granted to a limited number of students.
- >> Participation is limited. Registrations will be confirmed on a first come first serve basis.
- >> Courses taking place in Germany are subject to Value Added Tax (VAT).
- >> Each participant will receive a certificate of attendance at the end of the course.
- >> **Registration deadline: 03 May 2018**



REGISTRATION

TABLET COATING

18 – 20 JUNE 2018

Name _____

Company _____

Dept. _____

Function _____

Address _____

Phone _____

Fax _____

E-mail _____

Yes, I want to receive information about TTC workshops in future.

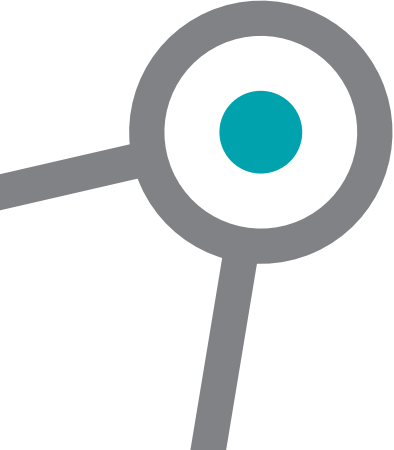
Signature _____

Accomodation required from _____

Check-in day: _____

Check-out day: _____ = Nights _____

(Approx. 79,00 €/night incl. breakfast)



Technology Training Center

Regina Bernstein / Andreas Gottschalk / Bianca Nowak
P.O. Box 1042
79590 Binzen
Germany

