



GMP Webinar

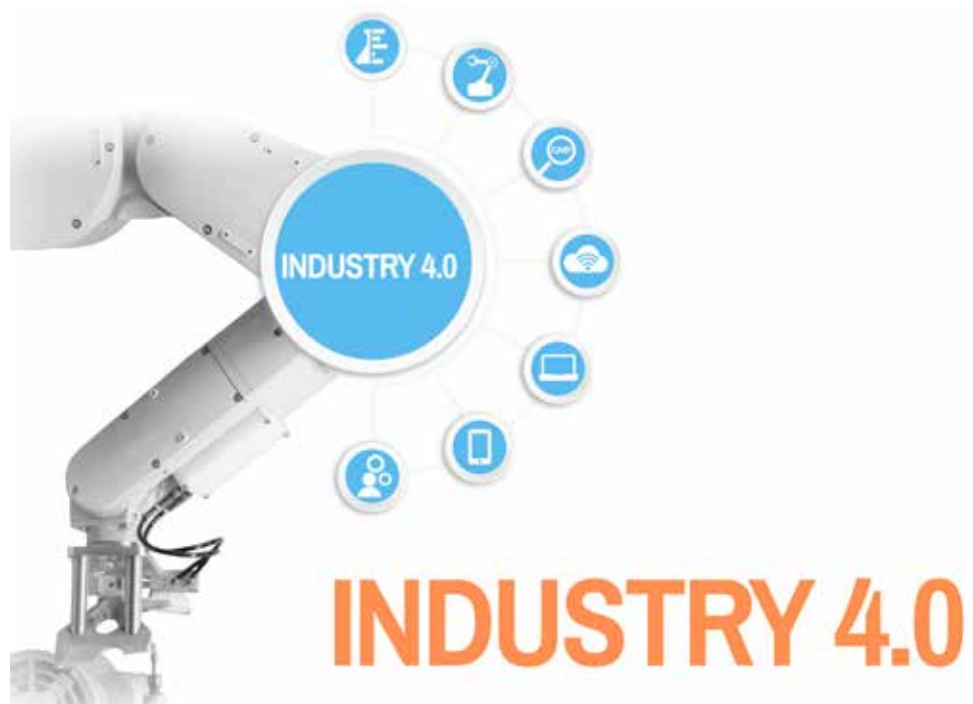
Digitalization in the Laboratory: Industry 4.0 Trends

Date:

Friday, 15 October 2021, 10:00 – 11:30 h CEST

Speaker:

Dr Wolf-Christian Gerstner, Geniu



ECA has entrusted
CONCEPT HEIDELBERG with the
organisation of this webinar.

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Background

Industry 4.0, representing the fourth industrial revolution, has arrived in the laboratory. The pressure for innovation and efficiency is making laboratory leaders rethink the way they operate their labs. Supported by a rapid evolution in technologies, several trends are leading to significantly more laboratory digitization and automation already today. Industry 4.0 technologies will revolutionize the laboratory in many areas, such as sample logistics and data management.

Among the key Industry 4.0 trends are:

- Big Data / Predictive Analytics / Connected Lab
- Internet of Things ("IoT")
- Visual processes / Virtual Reality
- Robotics / Artificial Intelligence (AI) / Machine Learning
- Speech recognition / Lab assistants

Educational Objectives

Industry 4.0 will open up new opportunities in the pharmaceutical industry. This webinar will take a closer look at the possibilities and how they can be implemented in the laboratory. The following aspects will be addressed:

- Industry 4.0 trends that can change the laboratory
- Applications to automate and digitize the laboratory
- Which technologies/applications are useful - which ones are "gimmicky"
- Approach to identify and evaluate possible applications

Target Audience

This webinar addresses Heads of Quality Control, Laboratory Managers, Supervisors, and employees working in

- Incoming goods control
- Control of finished drug products
- Analytical development
- API and excipient testing
- Contract laboratories

Speaker



Dr Wolf-Christian Gerstner
Geniu, Hamburg, Germany

Dr Gerstner is Managing Director at Geniu. He has 15 years of experience in consulting for quality control laboratories. He has managed more than 100 laboratory optimization projects, e.g. with topics as lean laboratory, lead time optimization, reduction of deviations and digitalization/automation.

Fees (plus VAT)

Single participation: € 249,- for ECA Members

Single participation: € 299,- for non-ECA Members

(This fee does not include the ECA Membership. You will find more about the ECA Membership at <https://www.gmp-compliance.org/about-the-academy>).

Participation of a Group

You have colleagues who also want to participate in the webinar? Then register yourself and your colleagues as a GROUP! You can view the webinar either together (e.g. in a conference room, etc.) or also each individually on your own PC.

Group Participation (fee per person):

3-10 Persons € 254,15

11-20 Persons € 224,25

more than 20 Persons € 194,35

Registration

By mail, fax, e-mail or online on the Internet at

<https://www.gmp-compliance.org>. In order to avoid misunderstandings, please indicate the exact address and the full name of the participant. You will receive your access data by e-mail in due time prior to the event.

Technical Requirements

For our webinars, we use Cisco WebEx, one of the leading suppliers of online meetings. At <http://www.webex.com/test-meeting.html> you can check if your system meets the necessary requirements for the participation at a WebEx meeting and at the same time install the necessary plug-in. Please just enter your name and email address for the test. If the installation is not possible because of your rights for the computer system, please contact your IT department. WebEx is a standard nowadays and the necessary installation is fast and easy.

Presentation/Certificate

The presentation will be made available to you prior to the Webinar as a PDF file. After the Webinar, we will automatically send you a certificate of participation.

Organisation/Contact

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Do you have any questions?

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Registration for the GMP Webinar: Digitalization in the Laboratory: Industry 4.0 Trends
on Friday, 15 October 2021, 10:00 – 11:30 h CEST

Speaker: Dr Wolf-Christian Gerstner, Geniu

Please fax to CONCEPT HEIDELBERG, +49 (0)6221 / 84 44 34 or you register online at www.gmp-compliance.org.

Please tick:

☐ **Single Participation**

☐ **Group Participation**

☐ 3-10 Persons

☐ 11-20 Persons

☐ more than 20 Persons

Important:
Deadline is 12.00 am
on 14 October 2021

Title, First Name, Last Name

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General Terms and Conditions

If you cannot attend the conference you have two options:

1. We are happy to welcome a substitute colleague at any time.

2. If you have to cancel entirely we must charge the following processing fees:

Cancellation until 2 weeks prior to the conference: 10 %, until 1 week prior to the conference 50 %, within 1 week prior to the conference 100 %.

CONCEPT HEIDELBERG reserves the right to change the materials, instructors, or speakers without notice or to cancel an event. If the event must be cancelled, registrants will be notified as soon as possible and will

receive a full refund of fees paid.

Terms of payment: Payable without deductions within 10 days after receipt of invoice.

Important: This is a binding registration and above fees are due in case of cancellation or non-appearance.

If you cannot take part, you have to inform us in writing. The cancellation fee will then be calculated according to the point of time at which we receive your message. In case you do not appear at the event without having informed us, you will have to pay the full registration fee, even if you have not made the payment yet. Only after we have received your payment, you are entitled to participate in the conference (receipt of payment will not be confirmed!)