

digital lab day 2025

Date:

14-May-2025

Venue:

online

Costs:

free of charge

Type:

virtual event

Target group:

Experts from research, development, quality control and laboratory operations

Organiser:

LUMITOS AG

in cooperation with SPECTARIS

Contact:

LUMITOS AG

Ernst-Augustin-Str. 2

12489 Berlin

Links:

[🔗 To the event](#)

[🔗 To the registration](#)

LUMITOS has created the **digital lab day** to offer companies, start-ups, and users an event dedicated to digitalization in the laboratory that goes beyond traditional trade fairs and conferences.

The digital lab day is the virtual event for everyone involved in **digitalization in the laboratory – also known as Laboratory 4.0**.

The event is aimed at **experts from research, development, quality control and laboratory operations** who want to **discover innovative approaches and solutions for optimizing processes and data management**.

The **digital lab day** is dedicated to the central aspects of digitalization in the laboratory and offers a platform for exchanging information on the latest technologies and trends. The main topics include:

- Digital data acquisition, analysis and management: Use of modern systems such as electronic laboratory notebooks (ELN), Laboratory Information Management Systems (LIMS) and cloud-based solutions for efficient management of data and workflows.
- Artificial intelligence (AI) and machine learning (ML): Use of innovative technologies for pattern recognition in data, predictive models (predictive analytics) and supporting data-driven decisions.
- Networking and IoT: Integration of networked laboratory equipment and sensors for real-time monitoring, control of laboratory processes and secure remote access to equipment and data.
- Robotics and digital automation: Optimization of laboratory processes through the use of laboratory robots and automated workflows that increase precision and efficiency.
- Cybersecurity and data protection: Protecting sensitive laboratory and research data and complying with regulatory requirements, including the General Data Protection Regulation (GDPR).

This announcement is a third-party event and is not organised by BIOPRO Baden-Württemberg GmbH itself. BIOPRO provides this announcement for distribution and information purposes and, despite careful examination of the content reproduced, assumes no liability for the correctness or subsequent changes by the organizers. If you have any questions, please contact the organizer directly.

Source

LUMITOS AG

Further information

- ▶ [LUMITOS
AG](#)