

## Robotics-4-Labautomation-Symposium 2024: for the smart digitalised lab of the future

The event invites all labautomation and robotics experts from research and industry, who want to network and exchange ideas with scientists and industry representatives from all over Europe.

With a wide-ranging programme, we will highlight current topics related to robotics and labautomation in the pharmaceutical and health industries.

The event is part of the TraceBot project that receives funding from the European Union's H2020-EU.2.1.1. INDUSTRIAL LEADERSHIP programme. The goal of the TraceBot project is to develop laboratory robots that fulfil the criterion of traceability and are thus suitable for the use in laboratory environments as well as other fields of application with high safety and flexibility requirements.



**European  
Commission**

**Horizon 2020**  
European Union funding  
for Research & Innovation

**Moderation: Luiza Almeida, Instituto Pedro Nunes (Portugal)**

### Programme

10.00	Registration
10.30	Welcome by Dr. Anthony Remazeilles & Maike Neumann Introduction of the moderator Luiza Almeida, laboratory for automatics and Systems Instituto Pedro Nunes

	<b>Session 1: The TraceBot Project: Progress and goals</b>
10.40	TraceBot overview: history, progress, goals Speaker: Dr. Anthony Remazeilles, Fundación TECNALIA research & innovation
10:55	Perception of transparent objects Speaker: Prof. Markus Vincze, TU Wien
11.15	TraceBot Process Acceptance & Pump Manipulation Speaker: Nirmal Raveendran, Astech
11.35	TraceBot exploitation: How to utilise TraceBot results in your business Speaker: Dr. Charly Coulon, Invite GmbH
11.45	Lunch Break Networking
	<b>Session 2: From development to production: application of robotic solutions into the industry</b>
12.45	<b>Keynote:</b> <b>The application of automation in GMP laboratories</b> <b>Miriam Guest, Charles River Laboratories</b>
13.10	<b>Podiumsdiscussion:</b> <b>Robotic innovations improving laboratories: past and future success stories</b> - Dr. Charly Coulon, INVITE GmbH - Jens Auer, STÄUBLI TEC-SYSTEMS GmbH - Miriam Guest, Charles River Laboratories - Nirmal Raveendran, Astech
13.40	Coffee break
	<b>Session 3: Trends and future outlook</b>
14.00	Robotic applications in aseptic environments: advantages and challenges Jens Auer, STÄUBLI TEC-SYSTEMS GmbH
14.20	Beyond TraceBot – research opportunities and unmet needs in the laboratory Dr. Patrick Courtney, Topic group leader, analytical laboratory robotics with euRobotics
14.40	Revolutionary precision: The miniature gripper Lucas Schmidt, ETO Group
15.00	Closing remarks Dr. Anthony Remazeilles, Fundación TECNALIA research & innovation