

2023 PDA



# ROBOTICS AND AUTOMATION CONFERENCE

[pda.org/EU/RA2023](http://pda.org/EU/RA2023)

**03-04 MAY 2023**

*EXHIBITION: 03-04 MAY*

**CALL FOR ABSTRACTS**

**ABSTRACT SUBMISSION DEADLINE:  
04 NOVEMBER 2022**



CONNECTING  
PEOPLE  
SCIENCE AND  
REGULATION®

# WELCOME FROM THE CHAIRS

Dear Colleague,

We would like to invite you to submit a paper or poster abstract for a presentation at the **2023 PDA Robotics & Automation Conference** to take place on **03 - 04 May 2023!**

Abstracts must be non-commercial in nature, describing new and innovative developments or work that significantly contributes to the body of knowledge relating to robotics and automation in the pharmaceutical industry and all related aspects as stated below.

The Scientific Program Planning Committee will review all proposals carefully and consider podium and poster contributions.

We look forward to receiving your topic proposal!

Sincerely,  
The Chairs



**Dieter Bachmann,**  
*Janssen Johnson & Johnson*



**Toni Manzano,**  
*Aizon*

## CALL FOR ABSTRACTS

## TOPICS AREAS OF INTEREST WILL INCLUDE



### 1. REGULATORY ASPECTS

- Regulatory Framework of Digital and Automated Solutions
- Qualification and Validation of Smart Systems
- Computer System Validation and Software Assurance
- EU GMP Annex 11
- U.S. FDA CFR Part 11
- Software Regulations
- Software Standards
- Compliance Related to Digital Solutions
- Cleanability Regulations
- International Cooperation for Greater Efficiencies
- And so on...



### 2. PRACTICAL CHALLENGES & OPPORTUNITIES

- How CDMO and CMO are Getting Benefits from Robotics and Automation
- Shortages in Computer Chips
- Shortages in Global Supply Chain
- Availability of IT Workforce
- Cyber Challenges / Cyber Security
- Standard ISO 27001
- Lessons Learned from Pandemic
- And so on...



### 3. ARTIFICIAL INTELLIGENCE & DIGITALIZATION

- Machine-to-Machine & Machine-to-Human Interface
- Connectivity / Blockchain Technology / Cloud Solutions
- Factory of the Future & Digital Twins
- Seamless from Project Delivery to Drug Production
- Software Solutions to Improve Usability in Testing and Manufacturing
- Reduction of Human Intervention
- Considerations on the Digital Gap in Pharma
- Smart Technologies Applied to Biopharma to Aid Patients
- Animal Testing Reduction and Replacement
- Computational Models
- Big Data Processing
- Cobots
- Predictive Analytics
- And so on...



### 4. APPLICATION OF AUTOMATION SOLUTIONS

- Robots, Mobile Robots / Plug and Play Robots
- Machine Learning and AI Use Cases
- Augmented Reality / Virtual Reality
- Guided Vehicles & Automate Storage & Retrieval Systems (ASRS)
- Supply Chain
- Quality Control
- Safety, Reliability, and Efficiency in Production
- Integration of Automated Equipment
- Ethical and Social Implications
- And so on...

## SCIENTIFIC PROGRAM PLANNING COMMITTEE

**Dieter Bachmann**, *Janssen Johnson & Johnson (Chair)*

**Toni Manzano**, *Aizon (Chair)*

**Mag Corduff**, *Odyssey*

**Yvonne Duckworth**, *CRB Group*

**Bernhard Gerl**, *Körber*

**Florian Huber**, *TisseUse*

**David Hubmayr**, *CSL Behring*

**Timothy Hsu**, *AFDO/RAPS*

**Marilyn Romieux**, *Merck*

**Philipp Schmid**, *CSEM*

**Josh Eaton**, *PDA*

**Falk Klar**, *PDA Europe*

**Sabine Hartmann**, *Manager Programs & Events, PDA Europe*

## BUT ARE NOT LIMITED TO THE FOLLOWING



### 5. MODERN ENGINEERING

- 3D Printing
- Bioprinting
- Continuous Manufacturing
- Advanced Orthopedics
- Future Drug Applications (e.g. Readable Tattoos)
- Standardized Framework to Prepare for Robotic Application
- And so on...



### 6. DATA INTEGRITY AND LIFE CYCLE MANAGEMENT

- ALCOA+
- ISA 95
- Data Security and Data Protection
- Hackability, Ethics, and Data Privacy
- Cybersecurity
- And so on...



### 7. TECHNICAL ENVIRONMENT

- 5G Technology
- Fieldbus Technology
- Sensors
- Space Intensive Layouts in Automated Supply Chains
- Validation of Automated Equipment
- And so on...



### 8. SUSTAINABILITY, GREEN TECHNOLOGIES & ETHICAL IMPLICATIONS

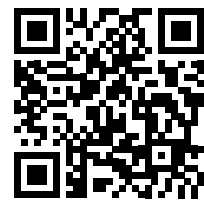
- Challenges of Automation in Developing Countries
- Sustainability of Software and IT systems
- Managing Sustainability of the Supply Chain
- End of Life Solutions for Equipment and Products
- Material Selection and Efficiency
- Reduction of Customer's Footprint
- Circular Economy
- Impact on the Workforce
- And so on...

**DEADLINE:  
04 NOV 2022**

**THE ONLINE PROCESS ASKS YOU TO PROVIDE THE FOLLOWING INFORMATION:**

- PRESENTATION TITLE
- PRESENTER'S NAME AND CONTACT DETAILS
- PRESENTER'S BIOGRAPHY (APPROX. 100 WORDS)
- ADDITIONAL SPEAKERS (IF APPLICABLE)
- KEY OBJECTIVES OF TOPIC
- 2-3 PARAGRAPH ABSTRACT, SUMMARIZING THE TOPIC

Please click or scan the QR Code to submit your abstract.



<https://bit.ly/3DkXAXh>

**If you have any further questions, please do not hesitate to contact [programs-europe@pda.org](mailto:programs-europe@pda.org)**

**TO EXHIBIT:** PDA is seeking vendors who provide products/services in support of this conference. Space on-site is limited and is on a first-come, first-serve basis. To reserve your space, please contact Christopher Haertig at [expo-europe@pda.org](mailto:expo-europe@pda.org).

**DEADLINE:  
17 MAR 2023**

To join our scientific poster session, the poster has to be non-commercial in nature. Please send a printable PDF file according to the following specifications:

**Canvas Size to Work on:**

85 cm x 120 cm (33,465 x 47,244 in) Portrait Format  
 Slug / Bleed: 2 mm (0,079 in)

**Images:**

120dpi (low) - 150dpi (high)  
 Depending on size.  
 All Images Color Profile  
 ISO Coated v2 (ECI)

**Document size of the PDF:**

85 cm x 206 cm  
 (33,465 x 81,102 in)  
 Portrait Format  
 Slug / Bleed: 2 mm (0,079 in)

**ALL POSTERS WILL BE PRINTED BY PDA AND DISPLAYED AS PART OF THE EXHIBITION.**

Please send your file and poster title to Christopher Haertig [expo-europe@pda.org](mailto:expo-europe@pda.org).

# PDA EUROPE CONFERENCES AND EVENTS



FOR FURTHER INFORMATION  
FOLLOW US ONLINE

[www.pda.org](http://www.pda.org)

## 2023

9. Sep 2022

18-19 APRIL 2023	2023 PDA Parenteral Packaging Conference	TBA
03-04 MAY 2023	2023 PDA Robotics and Automation Conference	TBA
23-24 MAY 2023	2023 PDA Good Aseptic Manufacturing Conference	Leipzig, Germany
20-21 JUNE 2023	2023 PDA Virus Conference	TBA
12-13 SEP 2023	2023 PDA BioManufacturing Conference	TBA
17-18 OCT 2023	2023 PDA Universe of Pre-filled Syringes and Injection Device Conference	Gothenburg, Sweden
07-08 NOV 2023	2023 PDA Quality and Regulations Conference	TBA
13 NOV 2023	2023 PDA Visual Inspection Workshop	TBA