

2021 PDA ROBOTICS AND AUTOMATION CONFERENCE

CALL FOR ABSTRACTS



20-21 APRIL 2021
LIVE | INTERACTIVE | ONLINE

WELCOME FROM THE CHAIRS

Dear Colleague,

We would like to invite you to submit an abstract for virtual podium or poster presentation at the **PDA Robotics and Automation Conference** to take place online on **20-21 April 2021**. Abstracts and posters must be non-commercial in nature, describing new developments or work that significantly contributes to the body of knowledge related to robotics and automation.

Sincerely,

The Chairs



Toni Manzano, PhD, Aizon



Martin Döblin, One One Eleven

Call for Abstracts **Case Studies are particularly desired.**



1. REGULATORY ASPECTS

- Regulatory framework of digital solutions
- Qualification and validation
- Computer system validation
- EU GMP Annex 11
- U.S. FDA CFR part 11



2. INTERNET OF THINGS AND INDUSTRY 4.0

- Machine-to-machine interface
- Connectivity
- Factory of the future
- Associated skillsets
- Digital Twins
- Seamless from project delivery to drug production
- Software solutions to improve usability in testing and manufacturing
- Artificial Intelligence
- Ethics and social implications



3. APPLICATION OF AUTOMATION SOLUTIONS

- Robots
- Cobots
- Machine learning
- Augmented reality/virtual reality
- Human-to-machine interface
- Automated guided vehicles
- Digital manufacturing
- Storage and supply chain
- Quality Control
- Scale-out vs. Scale-up



4. DATA ANALYTICS

- Machine Learning and Artificial Intelligence
- Big data processing
- Cloud solutions

SCIENTIFIC PROGRAM PLANNING COMMITTEE

Toni Manzano, *Aizon, Chair*

Martin Düblin, *One One Eleven, Chair*

Dieter Bachmann, *J&J*

Rudolfo Díaz, *Hitec*

Christine Eckardt, *PM Group*

Joshua Hays, *Merck KGaA*

Samuel Rentsch, *IT-Logix*

Markus Rothen, *Consultant*

Falk Klar, *PDA Europe*

Teresa Schubach, *Manager Programs & Events, PDA Europe*



Topics areas of interest will include but are not limited to the following



5. MODERN ENGINEERING

- 3D printing
- Bioprinting
- Continuous Manufacturing
- Advanced Orthopedics



6. DATA INTEGRITY AND LIFE CYCLE MANAGEMENT

- ALCOA+
- ISA 95
- Data security
- Hackability, ethics and privacy



7. TECHNICAL ENVIRONMENT

- 5G technology
- Fieldbus technology
- Sensors
- OPCUA
- Blockchain



8. SUSTAINABILITY AND GREEN TECHNOLOGIES

- Waste prevention
- Energy consume reduction
- Environmental protection
- Carbon footprint
- Ecological footprint
- Energy consumption of blockchain technology

PDA Submission Process

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

All submitted abstracts will be reviewed by the Scientific Program Planning Committee for acceptance. PDA Europe will provide a complimentary event registration per virtual podium presentation. Abstracts not selected for a virtual podium presentation may be invited to join as a scientific online poster contribution.

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



<https://bit.ly/33QPCCA>

Deadlines

Abstracts for Virtual Podium Presentation: **29 January 2021**
PDF file for Poster Session: **5 March 2021**

If you have any further questions, please do not hesitate to contact programs-europe@pda.org

To Exhibit:

PDA is seeking vendors who provide products / services in support of this conference.

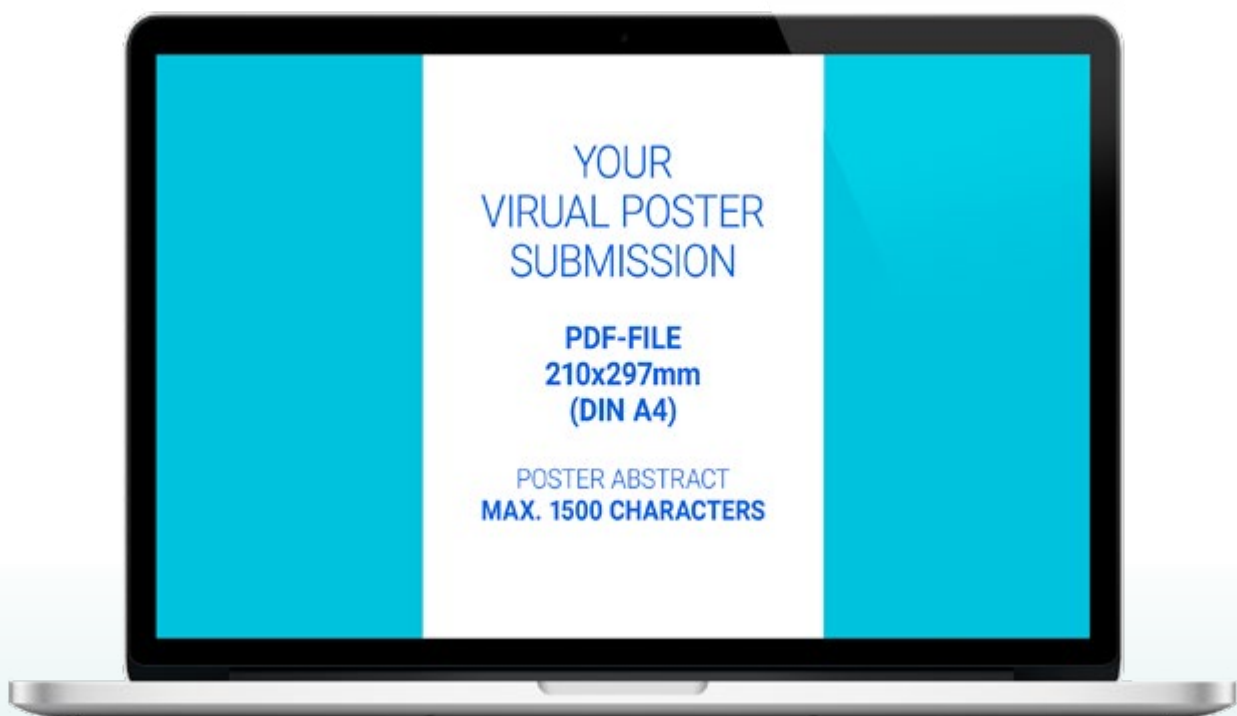
To reserve your space , please contact, expo-europe@pda.org or via telephone +49 30 436 55 08 23.

PDA Scientific Poster Presentation

Exhibit Your Work Online

Deadline:

5 March 2021



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

VIRTUAL EVENTS:

Document Size of the PDF:
Each Poster DIN A4

Poster Abstract:

Maximal 1500 characters

All posters will be displayed as part of the virtual exhibition.

Please send your file and poster title to Christopher Haertig expo-europe@pda.org.

PDA EUROPE EVENTS



2021

20-21 APR 2021	2021 PDA Robotics and Automation Conference	Online
26 APR 2021	2021 PDA Pre-Filled Syringes Workshop	Basel, Switzerland
27-28 APR 2021	2021 PDA Parenteral Packaging Conference	
29 APR 2021	2021 PDA Packaging Science Workshop	
18-19 MAY 2021	2021 PDA Quality and Regulations Conference	The Netherlands
08-09 JUN 2021	2021 PDA Annex 1 Conference	Dublin, Ireland
21-22 JUN 2021	2021 PDA Virus Conference	Brussels, Belgium
23-24 JUN 2021	2021 PDA Advanced Therapy Medicinal Products Conference	Brussels, Belgium
14 -15 SEP 2021	2021 PDA BioManufacturing Conference	TBC, Europe
16-17 SEP 2021	2021 PDA Pharmaceutical Freeze Drying Technology Conference	TBC, Europe
05-06 OCT 2021	2021 PDA Universe of Pre-Filled Syringes and Injection Devices Conference	Gothenburg, Sweden
26-27 OCT 2021	2021 PDA Aseptic Animal Health Conference	Online