



**Paperless Lab
Academy**

Gran Hotel Rey Don Jaime

**19-20 April
2016
Barcelona
Spain**

FINDING the SPEED to INNOVATE

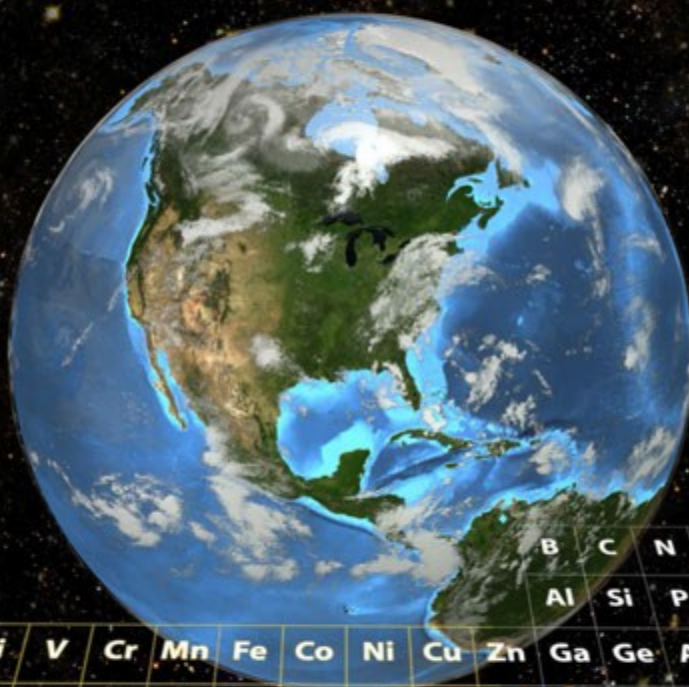
Strategies to effectively materialize Laboratory knowledge

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Welcome by Chairman

FINDING the SPEED to INNOVATE – Strategies to effectively materialize laboratory knowledge

This year's Paperless Lab Academy theme will focus on pragmatic strategies to effectively materialize laboratory knowledge in order to **FIND the SPEED to INNOVATE** in R&D and QA/QC laboratories across the pharmaceutical, biotechnology, consumer goods and chemical industries.

We are pleased to welcome Michael Shanler, representing Gartner Inc. In his key-note presentation he will focus on what **"going digital"** really means in both technology as well as from a people's perspective.

Data-intensive science is becoming mainstream in our daily laboratory operations. New surveys indicated that **integrating LIMS, ELN and LES** is a key priority for many organizations in almost all industries. The adoption of new technologies and simplification of existing legacy applications is expected to have a significant impact on how we will work now and in the future.

Data integrity is currently one of the highest cited areas in regulatory observations. Yet, data integrity is not a new requirement. Recent observations from FDA and MHRA regulatory bodies reported significant increases in compliance issues. During the Paperless Lab Academy several presentations and workshops will zoom-in on this aspect from different perspectives.

How to embrace **social media in science**? Technology is just a part of the story. What about data protection and privacy rules? Sofie van der Meulen, representing Axon Lawyers, is our key-note on the second day. She will address data protection and data integrity challenges.

Adopting new a **mindset**, ability to **harmonize processes** and reduce complexity is easier said than done. Several presentations will explore a number of when to upgrade from LIMS to ELN, SDMS or LES. Multiple detailed workshops on how to harmonize laboratory processes. Risk management and challenges adopting cloud technologies in regulated processes. New technologies to simplify instrument integration will be shown and discussed. Finally we will give you actionable insights, how to achieve creating value by paying attention to **new consumers of scientific data**.

This year the academy includes over 20 plenary presentations, 16 practical hands-on workshops, networking cocktail reception and conference dinner.

It is my pleasure to welcome you to the 2016 edition of the Paperless Lab Academy, organized in collaboration with NL42 Management Consulting. Thanks to our event sponsors and partners who made it possible to offer industry visitors a free entry to the congress.

To continuously improve our congress, your feedback and recommendations are always welcome!

The organizer of the Paperless Lab Academy 2016

Peter J. Boogaard

CEO Industrial Lab Automation

Isabel Muñoz-Willery

NL42 Spain

Roberto Castelnovo

NL42 Italy

A warm **thank you** to our academy back office team, Stella Boogaard and Marianne van Weezenbeek

Program Day 1 - Tuesday 19th April 2016

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|-------------|---|--------------------------------|--|
| 8:00 | Registration – Main Lobby | | |
| 8:40 | Chairman's Welcoming Address | Peter J. Boogaard | Industrial Lab Automation |
| 9:00 | Laboratory Informatics in the Digital Era | Michael Shanler | Gartner Industry Research |
| 9:40 | Data Integrity and Data Quality begins on the bench | Dr. Holger Linnertz | Mettler Toledo |
| 10:00 | Standardization is the way to the Next Gen Lab | Daniel Juchli | Wega Informatik AG |
| 10:20 | Data Integrity - integrating it into the CSV life cycle | Kurt In Albon | Lonza |
| 10:40 | Scientific Data Management and the Quest for Strategic Speed | Patrick Pijanowski | LabAnswer |
| 11:10 | Morning refreshment break – Exhibition hall | | |
| 11:40 | Experiences in creating an integrated Lab Informatics platform across at AstraZeneca | Matt Harrison | AstraZeneca |
| 12:00 | Wireless instrument integration | Burkhard Schaefer | BSSN Software GmbH |
| 12:20 | Allotrope Framework Drives Innovation in LabInformatics | Gerhard Noelken | Allotrope Foundation / Pfizer |
| 12:40 | FAES 2020: Efficiency in R&D+i | Gonzalo Hernandez Herrero | FAES FARMA |
| 13:00 | Elevator pitches workshop | | |
| 13:10 | Lunch – Patio or Restaurant | | |
| 14:20 | Workshop logistics | | |
| 14:20-15:20 | Workshop session 1A Best Practices for implementing LIMS and ELN in a time and cost efficient manner | Graham Langrish | Labware |
| | Workshop session 1B Find the bottlenecks in your laboratory processes | Joachim Thewalt / Paul Planje | Wega Informatik AG / me2any AG |
| | Workshop session 1C Customer Case Study: The Practical Benefits of Flexible LIMS Configuration in the Nuclear Industry | Nathan Scott / Tim Daniels | Cavendish Nuclear / Autoscribe Informatics |
| | Workshop session 1D Enhance Data Integrity and Regulatory Compliance through Paperless Automation | Robert Lutskus / Sinéad Cowman | Lonza |
| 15:30 | From 3 letter acronyms, to capabilities, to business value | Paul D. Gouldson | IDBS |
| 15:50 | What do users actually expect from an ELN? | Jana Erjavec | BioSistemika |
| 16:10 | Impact of the Cloud on a Regulated Paperless Laboratory | Bob McDowall | R D McDowall Ltd |

16:30 Afternoon refreshment break – Exhibition Hall

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| 17:00 | Thinking Out (C)loud: Finding Solutions to Distributed Research | Richard Shute | Curlew Research |
| 17:20 | Five Customer Case Studies, Five Approaches to LIMS | Tim Daniels | Autoscribe Informatics |
| 17:40 | Paperless and Data Integrity - Different paths, same goal | Teresa Minero | LifeBee / ISPE Italy Affiliate |
| 18:00 | Legacy Systems: Should You Replace or Integrate? | Alec Westley | Core Informatics |
| 18:20 | End of formal program day 1 | | |
| 19:00 | Cocktail reception – Patio – outside (weather permitting) | | |
| 20:30 | Conference dinner - Restaurant | | |



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FINDING the SPEED to INNOVATE

Strategies to effectively materialize laboratory knowledge

16 themed hands-on workshops – networking conference dinner – live demonstrations

- ◆ Leverage mindset and change management experiences
- ◆ Strategies to serve new consumers of scientific data
- ◆ Approaches to embrace social media in science
- ◆ Integrity challenges of mobile technologies & processes

Register for free* at

www.paperlesslabacademy.com

academy@industrialabautomation.com

 Paperlesslab Academy





*Rules apply

Program Day 2 - Wednesday 20th April 2016

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|-------------|--|--------------------------------------|-------------------|
| 8:30 | Chairman Welcoming Address - Day 2 | Isabel Muñoz / Roberto Castelnovo | NL42 |
| 8:40 | Impurity Lifecycle Management - Visualising a vast array of analytical data | Steven Coombes | AstraZeneca |
| 9:00 | Data protection & data integrity | Sofie van der Meulen | Axon Lawyers |
| 9:30 | Elevator Pitches workshops 2, 3 & 4 | | |
| 9:50-10:50 | Workshop session 2A What Does an Open Source ELN Bring to the Table? | Jana Erjavec | BioSistemika |
| | Workshop session 2B ScienceCloud – The new experience for scientific collaboration | Dr. Fred Bost | BioVia |
| | Workshop session 2C Implementing your Lab Informatics Strategy | Dr. Nastasja Castro | Osthus |
| | Workshop session 2D Automate Your Laboratory Workflows and solve data integrity issues with NuGenesis | Dominique Agro | Waters |
| 10:50 | Morning refreshment break – Exhibition Hall | | |
| 11:20-12:20 | Workshop session 3A Cloud-based informatics for externalized research | Keith Wood / Dr. Robert Brown | Dotmatics |
| | Workshop session 3B The Human Factor in Change Management | Alexandra Laskowski | IDBS |
| | Workshop session 3C More than LIMS with secure CloudLES | Oscar Kox | iVention |
| | Workshop session 3D Improving QM by replacing routine 'paper-based' laboratory 'task' recording | Steve Pownall / David Gendusa | STRATEC |
| 12:20 | Workshop changes | | |
| 12:25-13:25 | Workshop session 4A Supporting the Distributed Lab | Ben Bracke | PerkinElmer |
| | Workshop session 4B Workflow improvement with OpenLAB ECM and OpenLAB BPM and MMA | Freek Varossieau / Thomas van Zanten | Agilent |
| | Workshop session 4C Integrate your lab and manage your data effectively to Achieve Your Lab Potential | Laurent Galmiche / Cristina Roman | Thermo Scientific |
| | Workshop session 4D Data Integrity and Data Quality begins on the bench | Dr. Holger Linnertz | Mettler Toledo |
| 13:25 | Lunch – Patio or Restaurant | | |

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|-------|--|-------------------|------------------------------------|
| 14:40 | Workflow implementation in lab balances | Steffen Gloth | Sartorius |
| 15:00 | Improving quality management by replacing routine "paper based" laboratory "task" recording | Steve Pownall | Stratec |
| 15:20 | The Last Mile: Utilizing Technology to Reduce Shipment Losses and Manage Quality From Warehouse Distribution to Consumer | Dennis LeTendre | ProTech Consulting Services |
| 15:40 | Data Integrity challenges in the Lab and beyond | Peter J. Boogaard | Industrial Lab Automation |
| 16:00 | Exploring the FDA's Approach Quality Assessment | Giuseppe Randazzo | FDA – Food and Drug Administration |
| 16:30 | Wrap-end and closing Paperless Lab Academy congress | Peter J. Boogaard | Industrial Lab Automation |

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