

Paperless on the Med

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Barcelona's Gran Hotel Rey will host the Paperless Lab Academy on 19 and 20 April. Here, we outline some of the exhibits and speakers at the event

The **ACD/Spectrus** Platform is an enterprise IT system that offers searchable access to live analytical data (not simply pictures, numbers, and text). The chemical context of data is retained so you can review and reanalyse existing data to answer new/different questions. Automation of human-intensive workflows, such as data processing and analysis, also allow scientists to focus on innovation, while chemically intelligent algorithms enable insightful decision-making.

ACD/Spectrus technology may be deployed to fit many purposes – to gather analytical data from disparate instruments and techniques

for standardisation and subsequent access; to enable more effective collaboration between departments and partners; for unattended analysis (such as purity determination by MS or library QC); and to support specific workflows (such as impurity lifecycle management and MetID research).

www.acdlabs.com

BioSistemika, a Bio-IT company, is entering the ELN market with a different concept. This February BioSistemika will release sciNote, an open source, modular ELN (<http://scinote.net/>). sciNote is designed to be very intuitive so you can start using it immediately. It runs as a



cloud application, or you can install it locally. There is no limitation for the number of users so it is suitable for labs of any size. Everything you change in sciNote is time stamped, so full traceability is guaranteed.

sciNote is a modular system. Different modules will be developed by sciNote team or open source community, making sciNote suitable for every laboratory. sciNote is specifically designed for life science students, researchers, technicians and laboratory managers.

At Paperless Lab Academy, BioSistemika's Co-founder Klemen Zupancic will present a talk based on a large ELN survey, made by BioSistemika, which revealed what users actually expect from ELN. He will also demonstrate how sciNote works and lead round-table discussion during the workshop session.

www.biosistemika.com

BSSN Software brings analytical and biological data into the cloud. This software-as-a-service offering allows capturing, managing and sharing raw and result data from many analytical

techniques and across instrument vendors. Data sharing, collaboration features and fine-grained access control make it easy to collaborate across organisational boundaries. The system is built on standards and offers rich APIs for easy integration and creation of mash-ups.

The user can interact with the service using his choice of a web browser, a mobile app or a full-fledged desktop client. A highly interactive viewer provides an optimised environment for exploring scientific data anytime, anywhere. Initially, the solution supports chromatography (HPLC, GC), mass spectrometry, optical spectroscopy, NMR, microplate reader, bioreactor and process chromatography data types.

Through its APIs, the platform can be integrated into other data systems and cloud services, allowing easy addition of analytical data handling to any application.

www.bssn-software.com

The speed of scientific R&D is rapidly increasing. Laboratory groups need systems that can support externalised research models and global collaborations, new technologies such as next generation sequencing (NGS), new data types such as protein structures and genetic sequences, and are adaptable to meet customers' changing workflows and emerging needs over time.

Core Informatics works closely with customers to build lab data management solutions that make scientific data securely useable, analysable, discoverable, and auditable across groups and tools. Core Informatics provides comprehensive lab informatics solutions (ELN, LIMS, SDMS) built on the Platform for Science. Platform for Science solutions and applications are web-based, scalable, and available as cloud-hosted or on-premises deployments.

Core Informatics' application programming interfaces (APIs) allow integrations and data exchanges with other tools, letting customers determine how they want to collect, store, share, and analyse their data to meet their unique requirements.

www.coreinformatics.com

Dotmatics delivers a ready-to-use platform to capture, register, share, collaborate, query, visualise and analyse all the information and knowledge generated in the modern, highly collaborative scientific industries. Dotmatics' VP Global Informatics, Dr. Robert Brown, will lead a workshop discussing how cloud-based informatics applications can help ensure success in externalised research projects. During this workshop delegates will be introduced to Dotmatics' lab informatics and decision-support

Merck Millipore's Millitrack is an integrated data management and monitoring tool created to have easy remote access to the water purification system monitoring and diagnostics, allowing a user to minimise system downtime and increase productivity.

The reliable and traceable data provided by Millitrack e-Solutions can be viewed and archived on computer devices connected directly to the water purification system via an Ethernet cable or through a local network as well



as in a lab data management system. Millitrack e-records help users optimise a lab's productivity by reducing costs and potential downtime, and by decreasing the risk of errors.

The Millitrack e-Solutions family comprises four system-specific products: Millitrack Basic, Millitrack Essential, Millitrack Lite, and Millitrack Compliance, which is specifically designed for users in GxP environments.

www.merckmillipore.com

solutions for discovery collaborations. Case studies will help participants understand how the solution has been applied in a variety of real-world partnerships at pharma, biotech, CROs, and academic institutions. Participants will have the opportunity to gain hands-on experience with the cloud solution.

www.dotmatics.com

IDBS will be sharing its insights into the future of collaborative working and showcasing its new E-WorkBook Connect Module. Offering process improvements across the organisation, E-WorkBook boosts productivity, releasing scientists from admin burdens, giving them more time to innovate. The new Connect extension provides a proven, multidisciplinary platform for producing significant data insights and improving internal and external collaboration.

Paul Denny-Gouldson, VP strategic solutions, will run a workshop onsite exploring the myriad of informatics tools available. He'll demystify the recent explosion of three and four letter acronyms in this space to help organisations ensure they have the right strategy in place to validate capabilities and ultimately ensure business value.

www.idbs.com

Science-based organisations around the world are being challenged to reduce the time-to-value for scientific data system deployments and gain holistic and actionable views of their data. **LabAnswer's** partner of pharma and life sciences, Pat Pijanowski, will speak about the emerging trends, techniques and technologies that are being embraced to quicken deployment, speed innovation and get products to market faster.

LabAnswer is the world's leading, and largest, vendor-independent scientific data management consultancy. We provide insights and expertise for the selection, design, deployment, and support of enterprise systems – from early discovery, through clinical development and manufacturing QC. Our proven approach is anchored in deep scientific information systems and laboratory operations expertise.

Pijanowski will share LabAnswer's unique perspective, born out of our active participation in 300+ scientific data management projects per year, where the firm is helping clients develop and implement strategies to tackle these urgent challenges.

www.labanswer.com

LabWare will be showcasing the latest versions of its LIMS and ELN, LabWare 7. LabWare's Enterprise Laboratory Platform (ELP) is a unique and proven suite of product capabilities that encompass LIMS, ELN and LES in a single integrated and enterprise-ready solution.

LabWare will also be in attendance to deliver a workshop entitled: Best Practices for implementing LIMS and ELN in a time and cost efficient manner.

As laboratory automation solutions such as LIMS and ELN are considered business critical



► and vital elements of a corporate IT landscape, the true challenge is in ensuring that their implementation is performed quickly and at the lowest possible cost (in terms of internal and external resources), without sacrificing the overall success of the solution. The workshop will discuss strategies for meeting this challenge, and provide practical tips and advice.

www.labware.com

Over the past five years the **Lonza Bioscience** MODA platform has become the standard for



paperless QC microbiology for a number of global pharmaceutical and other regulated manufacturing organisations. At the Paperless Lab Academy, Robert Lutskus – global product delivery manager for MODA – will host a one hour workshop to discuss data integrity and how to meet these requirements with a paperless solution.

Kurt In Albon, associate director global information quality at Lonza will also be presenting on data integrity and integrating it into the CSV life cycle. This presentation will touch briefly on the basics of data integrity, and then go on to address the topics of applying risk management and integrating it into the CSV life cycle.

www.lonza.com/moda

As part of the organisation committee of the PLA, and on the basis of multiple requests from last year's edition, **NL42** will run a complementary pre-congress workshop. This event is free of charge, limited to customers registered to PLA and will be offered in Spanish language.

The main objective of this workshop is to introduce the key concepts covered during the congress. The workshop will cover the whole transformation process to paperless and discuss relevant items like data integration, data integrity and information technology strategies.

NL42, based in Madrid and Milan, has been created by professionals with decades of experience in the R&D & QC laboratories combined with sound technical knowledge and expertise on the technologies and methodologies available today.

www.NL42.com

Osthus will present an hour-long workshop, 'Implementing your Lab Informatics Strategy' in which they will give practical guidance on how to take your strategy to the operational level. A successful lab informatics strategy allows you to respond quickly to the current R&D trends like virtualisation of research, holistic lab solutions and the shorter cycle times. Questions like how to deal with big

data, how to handle your raw data, how to manage your master data and how to retrieve and analyse your data are at the basis of such a strategy. Implementation involves handling many different vendor software tools, thus requiring a high level of technical integration and data standardisation to ensure interoperability.

www.osthus.com

PerkinElmer delivers a comprehensive suite of scientific informatics and software solutions from instrument generated data, to enterprise solutions to mobile applications. This provides scientists with the necessary tools to aggregate, search, mine, analyse and visualise critical data to help turn data into actionable insights in an automated, predictive and scalable way.

At the Paperless Lab Academy, the company will be showcasing its collaboration platform, consisting of the industry-leading E-Notebook, the new cloud-based solution Elements and combining that with a data analytics platform with TIBCO Spotfire.

In the workshop the firm will be presenting its vision of the collaborative platform as a solution to manage the challenges in distributed research, and will discuss what it believes will drive the next phase of scientific discovery.

www.perkinelmer.com



Paperless Lab Academy

Gran Hotel Rey Don Jaime

**19-20 April
2016
Barcelona
Spain**

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Register for free* at
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