



ROBOTICS & AUTOMATION 2014

FESTO, NORTHAMPTON, UK

1 JULY 2014



‘Progression into new technology’

www.elrig.org

WELCOME WORDS

I would like to welcome delegates, speakers and exhibitors to the second ELRIG Robotics & Automation Conference. This year, we are very grateful to Festo UK, who are our hosts for the day.

ELRIG is a not-for-profit organization, committed to providing a platform where our members and broader scientific community can share excellent science, have opportunities to network and promote new technologies. This conference will deliver on all these important tasks focusing on new tools that can be used in your automation workcell.

The programme incorporates recent user experiences and key sector manufacturer developments in the field of robotics and automation.

Organising a meeting of this type is not possible without the efforts of many individuals. In particular, I would like to thank both Jackie Howard and Dermot Boylan of ELRIG.

ELRIG are particularly proud to be able to maintain free attendance at our conference. We can only do this with the

support of our sponsors and exhibitors. We are grateful to them all and especially as this is a new conference and requires a confidence in the program and ELRIG.

We also thank you for your attendance at this meeting. Please use this as an opportunity to catch-up with old friends, to make new contacts and to discuss the interesting and exciting scientific advances being presented and their potential impact.

With best regards

Malcolm Crook
ELRIG
Conference Director

FUTURE MEETINGS 2014

DRUG DISCOVERY 2014
MANCHESTER CENTRAL, UK

1ST - 3RD SEPTEMBER

1 Day Short Courses

SLAS Short Courses at Drug Discovery 1st September

COURSE 1: Introduction to Laboratory Automation

COURSE 2: High Content Screening: Instrumentation, Assay Development, Screening, Image and Data Analysis

COURSE 3: Establishing Cell-Based Assays and Implementing 3D Culture Models for screening and drug testing

Hear from leading scientists covering advances in basic and translational aspects of drug discovery. DD is the go-to event on the lab automation calendar in the UK and Europe.

Session Keynotes:

Day 1

Lorenz Mayr, AstraZeneca - Innovations in Screening and Assay Development

Daniela Gabriel, Novartis - Phenotypic Discovery & Cellular Imaging

Olli Kallioniemi, FIMM, Helsinki - Oncology Drug Discovery

Core Technology Forum - Open Forum Discussions

Your chance to get involved and voice your opinion.

- Is a fully integrated sample management capability the future?
- Innovative Automation, what can we automate next?
- Safety and Metabolism Assays
- Complex, High Content and Biologics data

Day 2

Stefan Offermanns, Max Planck - Target Validation Approaches in Drug Discovery

Dario Neri, ETH, Zurich - Chemical Innovation in Lead Discovery

Lutz Jermuntas, MedImmune - Engineered Proteins for Therapy

Eric Karran, Alzheimers Research UK - Neuroscience Drug Targets

Also featuring Poster Taster Slots, Dragons Den, Authors Workshop, Innovation, Media and Careers Zones

Largest Drug Discovery Exhibition in the UK

 [Twitter on #ELRIGDD14](#)



Plenary Keynote Speaker:

Susan Galbraith, Head of Oncology at AstraZeneca - Genetic drivers of cancer growth and resistance mechanisms

PHARMACEUTICAL FLOW CYTOMETRY & IMAGING
GSK, WARE

19TH & 20TH NOVEMBER

The ideal forum for users of flow cytometry & imaging systems within drug discovery and drug development to get together, and share expertise, innovation, successes and ideas for the future.

Confirmed Speakers

Andrew Hopkins, FRSC, Dublin / *Robin Ketteler*, UCL MRCT

Georgia Salvageotto, Cellular Dynamics

Catherine de Coupade, LFB Biotechnologies

Derek Davies, UCL / *Eric Tang*, AstraZeneca

Rachel Errington, Cardiff University

Roland Gohde, Partec / *Joanne Taylor*, GSK

Elizabeth Mouchet, AstraZeneca Biology Group

This is a 2 day, one track meeting which is usually oversubscribed. Make sure you Register now to secure your place at the show.

Further information can be found at the ELRIG website

www.elrig.org  [Twitter on #ELRIGFC14](#)

SPEAKERS PROGRAMME

ROBOTICS & AUTOMATION 2014

FESTO, Northampton, UK

1 July 2014

9.25 - 9.30 **Malcolm Crook, ELRIG & PAA**
Opening Remarks

9.30 - 9.45 Paul Kendall, FESTO
Introduction & Welcome

9.45 - 10.15 Nigel Dawson, FESTO
*Penguins Really Can Fly! -
Developing lightweight robots,
inspired by nature*

10.15 - 10.45 Simon Tickle, UCB
*Managing the specification and
installation of a large automation
project for the screening of
therapeutic antibodies at UCB*

10.45 - 11.15 **COFFEE BREAK**
Exhibition Room

11.15 - 11.45 Roger Northwood, Unilever
Managing Automation Systems

11.45 - 12.15 Ross King, Manchester University
*Automating Drug Design using
Robot Scientists*

12.15 - 12.45 Snapshots
Labman, Astech

12.45 - 2.00 **LUNCH, Exhibition Viewing**
*Tours around FESTO & Driving
Challenge*

Festo Tours

3 Tours of the facilities will be taking place over the lunch break:

12.55 - 1.15 / 1.15 - 1.35 / 1.35 - 1.55

Add your name to the list on the Registration Desk meet 5 mins before your departure time, also at the Reg. Desk.

Air Motion Ride

This is your chance to drive in our F1 Simulator. Take part, its good fun, beat your colleagues laps. All times recorded – Win the prize. !!

2.00 - 2.30 Mark Beviss, Contained Air Solutions
High Performance Enclosures, the best way to keep your samples fit for use

2.30 - 3.00 Rob Harkness, LabApps
Software solutions for laboratory automation

3.00 - 3.30 **COFFEE BREAK**
Exhibition Room

3.30 - 4.00 Peter Church, V-Viz
Vision in automated systems

4.00 - 4.30 Michael Suer, Mitsubishi
*Robotic Integration Solutions for
Pharmaceutical Sector*

4.30 - 4.45 **CLOSE OF CONFERENCE**
Prize Draw

Thank you to our hosts

FESTO

EXHIBITORS



www.atechprojects.co.uk



www.biosero.com



www.cybio-ag.com



www.gilsonuk.com



www.upchurch.com

LABMAN

www.labman.co.uk

INTEGRA

www.integra-biosciences.com



www.paa-automation.com



www.polypico.com



www.porvair-sciences.com



www.titian.co.uk

FUTURE EVENTS 2015

Research & Innovation

18th March 2015
Trent Vineyard,
Nottingham

Stem Cells & Imaging

16th June 2015
AstraZeneca R & D,
Molndal

Drug Discovery 2015

September

Robotics & Automation

November 2015