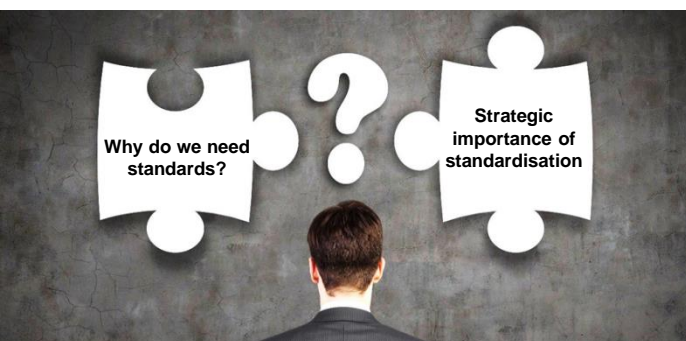


Future needs - today's requirements

Building Bridges with Standards in the Life Sciences



NORMSYS

Conference & Tutorial
December 5 - 6, 2016
Potsdam, Germany

Conference Center
Fraunhofer Institute for Applied Polymer
Research IAP
14476 Potsdam-Golm

Standardisation issues are addressed in many research fields, e.g. R&D, education, technology transfer and application but these research areas are often poorly connected. The aim of this conference is to build a platform for stakeholders that could transform a fragmented debate into an organized and fruitful diversity

The **conference** intends to explore the needs and the dimension of the relation between standardization and innovation. Representatives from academia, industry and standardisation bodies who have been making exceptional contributions to develop and disseminate standards will inform and discuss with the participants the pros and cons of the use and implementation of standards in the daily work flow.

The conference will open at December 5 2016 with a panel discussion about the question: Do we need to introduce standards in life sciences research?

Monday, December 5 2016

5 pm	Panel discussion
6 pm	Get together

Participation at the panel discussion and the conference is free of charge but registration is required. To register, please send an E-mail to plantsys@uni-potsdam.de with the subject line **NORMSYS-Conference** for participation at the conference or **NORMSYS-Panel** for participation at the panel discussion.

Tuesday, December 6 2016

9 am	Welcome Address	
Session 1	Standards	
9:10	<i>Why do we need Standards? Future needs - today's requirements</i>	S.Hollmann (PU)
9:30	<i>NORMSYS: Building a bridge between grass-roots initiatives and standardization bodies</i>	M Golebiewski (HITS)
9:50	<i>National and international Standardization: ISO and DIN and their committees</i>	Joachim Lonien (DIN)
10:20	<i>Standardization efforts and development from the funder's perspective</i>	Chris Rückert (PT - J)
10:40	Coffee Break	
Session 3	Standards in Academia	
11:00	<i>Implementation of standards in the scientists daily life - best practice example</i>	Michal Or Guil (HU Berlin)
11:20	<i>The FAIR Data Principles</i>	Olga Krebs (HITS)
11:40	<i>German Network for Bioinformatics Infrastructure (de.NBI)</i>	Ron Henkel (HITS)
12:00	<i>Requirements of standardisation in EU Infrastructures</i>	Katja Herzog (EU OPENSREEN)
12:20	Lunch Break	
Session 3	Industrial needs	
1 pm	<i>Repositories und Data Warehousing from both the competent authorities' and industry's perspectives.</i>	Andreas Kremer (ITTM)
1:20	<i>Knowledge Transfer from Bench to Bedside - Adventures of a Project Leader</i>	Christian Wunsch (WUNSCH PROJECTS)
1:40	<i>Standardization Needs of the Pharma Industries for Clinical Trials and Health Informatics</i>	Andreas Franken (BAH)
2:00	Discussion Forum	
2:50	Coffee Break	
3:10	<i>Working tables How to implement standardisation in the daily practice of academia & industry</i>	
4:40	Closing remarks	

Tutorial

Managing Big Data

December 5, 2016

Unfortunately many experiments are designed with avoidable flaws and it is only rarely that statistical analysis can rescue the experimenter. Our course provides you with comprehensive input into the basics and selected tools for data- and quality management. The course will also explain how to build an effective Data Management strategy, needed if you apply for funds for a project.

The target group of this basic course are young scientists. This one day workshop will give you insights in standard operation procedures (SOPs), experimental design, modelling design and a short introduction in Seek. This training will give you an overview and hints how to plan your experiment and generate data which are consistent and valid for mathematic analysis.

More information at:

<http://cost-charme.eu>

or

<http://www.normsys.de>



Program

9 – 9:30	Registration		
9:30	Welcome Address		
10:00	T*	Standard Operation Procedures	M. Frohme (TH Wildau)
12:15	Lunch Break		
1 pm	T	Good experimental practice in and out the laboratory	E. Saccenti (WUR)
2 pm	L**	Modeling design	R. Steuer (HU)
3 pm	T/L	FAIRDOMhub / SEEK	R. Henkel & O. Krebs (HITs)
4:30 pm	Questions and answers	How to improve the training? needs and requirements. Survey and discussion with participants	

*T: Training, **L: Lecture

Fee: 40 EUR incl. VAT. (The fee includes lunch and coffee breaks)

The number of participants is limited to ensure optimum interaction and discussion. Due to the fact that the number of participants is limited, the registrations are dealt with on a "first come, first served" basis.

Timely and binding registration under

<http://cost-charme.eu/events> or

<http://www.normsys.de/index.php/events>

is therefore advisable.

Venue:

Potsdam-Golm Science Park
Conference Center
Fraunhofer Institute for Applied Polymer
Research IAP
Geiselbergstr. 69
14476 Potsdam-Golm



N 52°31'12.025 O 13°24'17.834

Arriving by train/bus

From Berlin's main station or Berlin Zoologischer Garten

- Take the regional trains RB 21 or RB 22 directly to Golm
- Take the regional express RE 1 to Potsdam's main station

From Potsdam's main station

- Take buses 605 or 606 to Wissenschaftspark Golm
- Take the regional trains RB 20, RB 21 or RB 22 to Golm



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