

CURTIS & WYSS

# Research Facility Design and Development Summit

Prague, Czechia  
September 26 - 27th, 2018

Agenda

# About the Summit

## 1 | Research Facility Design and Development Summit

The **Curtis & Wyss Group** is pleased to invite you to the "**Research Facility Design and Development Summit**" scheduled on **September 26th - 27th, 2018** in **Prague, Czech Republic**.

This premier B2B event. will bring together experts from all levels of the value chain to ensure maximum knowledge transfer and professional exchange; elaborate on the best practices within the detergent industry and academia to discuss, hear and learn about their experiences on latest trends companion development, to network and enjoy excellent mix of case studies, interactive panel discussions, speed networking and workshops.

It is an honor and privilege for us to invite you to participate in this Summit. We look forward to welcoming you to the Summit in **Prague, Czech Republic** upcoming **September!**

## Who Should Attend?

### Directors, VPs, Managers and Heads of:

- Facility Management
- Research Facilities
- Architects
- Lab Designers
- University and College teaching facility
- Biotechnology and Pharmaceutical
- Infrastructure and Projects
- Research & Development
- Business Development
- Scientific Research Institutions
- Engineering
- Nanotechnology research

# Key Speakers



**Dario Tonelli**  
CEO  
*Laborplaner Tonelli AG*



**Miguel Antunes Pinto**  
CEO  
*Pharma | Arquitetos*



**David Martin**  
Vice President  
*Stantec*



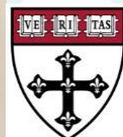
**Alexander Redlein**  
Facility and Real Estate Management  
*TU Wien*



**Zouhair Ridouane**  
Business Development Manager  
*Arias Labs System*



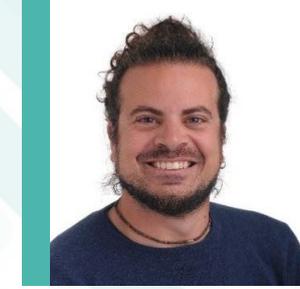
**Caterina Berti**  
Manager Research Lab Operations  
*NYU Langone Medical Center*



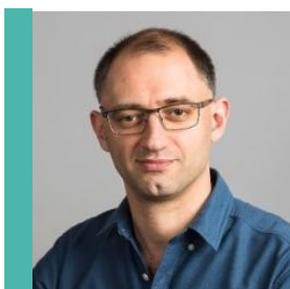
**Janet Baum**  
Fellow Div. Chemical Health and Safety  
*Harvard University*



**Pekka Matvejeff**  
Chairman of the Board at EuroFM  
*EuroFM Network*



**Nicolò Luppino**  
Projekt Manager  
*Laborplaner Tonelli AG*



**Yury Alaverdyan**  
Head of Research Facilities  
*Cambridge Graphene Centre*

# Key Practical Learning Points of the Summit:

3 | Research Facility Design and Development Summit

1

**Fundamental concepts for the planning state-of-the-art science facilities**

2

**New trends in designing, planning and adaptation of research facilities**

3

**Space utilization optimization**

4

**Strategies to improve sustainability and reduce energy use**

5

**Cost saving opportunities**

6

**Facility management challenges and ways to overcome them**

7

**Retrofitting facilities to maximize research potential  
Making Energy Efficiency Mainstream**

**08:30 Registration and  
Welcome Coffee**

**09:00 Opening Address  
from the Chairman**

**09:10 Case Study**

**From the scientist to an innovative research  
building - A complex Service-Design approach**

- Facilities that promote creativity and collaboration
- Implementation a user-centered planning approach
  - Development of new tools and methods
  - Complex planning process represent as an example of service
  - Design driven architecture

**Dario Tonelli**  
CEO

**Nicolò Luppino**  
Projekt Manager  
*Laborplaner Tonelli AG*

**10:10 Speed Networking**

Innovative approach to maximize networking capabilities through two minute periods, where delegates can meet their peers and exchange business cards before rotating to the next company representative

**10:30 Morning Coffee and  
Networking Break**

**11:00 Case Study**

**Sustainable decisions**

- Sustainability concept: past and future
- Sustainable decisions
- Difficulties of implementation
- Challenges for the future
- What could go wrong

**Miguel Antunes Pinto**  
CEO  
*Pharma | Arquitetos*

**11:40 Case Study**

**Science in the Age of the Invisible:**

- Biomimicry and the Design of Translational Research Facilities
- Science in the age of the invisible
- Scientific trends + sustainability + flexibility
- Learning from Nature Challenges + Opportunities from Nature
  - Biomimicry and Biophylic Design
- Enhanced Sustainability Design

**David Martin**  
Vice President  
*Stantec*

**12:20 Sponsorship slot**

**13:00 Business Lunch**

### 14:30 Case Study

#### New Technologies like IoT/AI/ML and their application in Research Facilities - Digitalization and its impact

- Relevant technologies IoT, Big Data, AI, ML - and their background
- Use cases to optimize workplace performance and facility operation
- Technical and economic feasibility
- What pays off when

**Alexander Redlein**  
Facility and Real  
Estate Management  
*TU Wien*

### 15:10 Case Study

#### Keeping Up with the Global Changes

- 1) The Globalization effect on the lab design:
  - On lab design ( space distribution and new lab users requirements )
  - On Lab Furniture design ( From On-plinth and rigid systems to Modular and new flexible systems)
  - Living examples of some executed projects.
- 2) The effect of the Multi-Cultural staff and the new management styles on the Lab Design (Living Examples)
- 3) The lab design and the implementation of the new technologies ( AI, AR, VR, MR, Blockchain, and automation).

**Zouhair Ridouane**  
Business Development Manager  
*Arias Labs System*

### 15:45 Afternoon Tea and Networking Break

### 16:20 Panel Discussion with

- Where do we go from here?
- Future of laboratories and research centers

(With Speakers of the day)

(Moderated by the Chairman)

### 17:00 Chairman's Closing Remarks and End of Day One

### 19:00 Cocktail Reception

**09:00 Registration and  
Welcome Coffee**

**09:30 Opening Address  
from the Chairman**

**09:40 Case Study**

**Ways to optimize space  
Utilization for Research Centers**

- Importance of Institution location in space planning
  - Use of external Facilities
  - Role of cores in space and cost saving
    - Optimization of building and departmental equipment
- Space assignment planning and managing
  - Benefit of space optimization

**Caterina Berti**  
Manager Research Lab Operations  
NYU Langone Medical Center

**10:20 Case Study**

**Protection for safety and health of laboratory  
building occupants**

- Building Codes - Laboratory facilities
- Accessibility Standards – Laboratory facilities
- Hazardous materials - Safe use, storage, removal/disposal
- Fire safety – Laboratory planning strategies
- Industrial hygiene – Air, water, and surface contaminants

**Janet Baum**  
Fellow Div. Chemical Health and Safety  
Harvard University

**11:00 Morning Coffee and  
Networking Break**

**11:40 Sponsorship slot**

**13:00 Business Lunch**

**14:00 Case Study**

**Service Design thinking in FM context**

- Productivity and overall health of individuals utilizing spaces
- Importance of change in the work culture
  - Transformation from industry-specific FM-business into a global service business
  - Changes in how we see FM world and what should be done in order to succeed

**Pekka Matvejeff**  
Chairman of the Board at EuroFM  
EuroFM Network

### 14:40 Case Study

#### Light Up Your Lab

- Lightning for the Research Lab
- Best approaches to eliminate shadow effect

### 15:20 Afternoon Coffee Networking Break

### 16:00 Chairman's Closing Remarks and End of Summit

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