

CURTIS & WYSS

Research Facility Design and Development Summit



Prague, Czechia
September 26 - 27th, 2018

Agenda

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

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Research Facility Design and Development Summit



Dario Tonelli
CEO
Laborplaner Tonelli AG



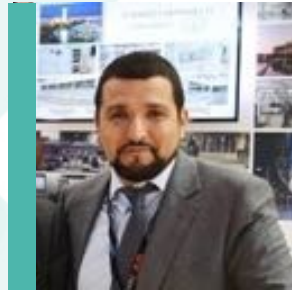
Miguel Antunes Pinto
CEO
Pharma | Arquitetos



David Martin
Vice President
Stantec



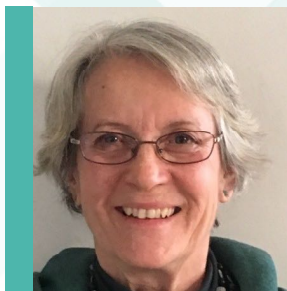
Alexander Redlein
Facility and Real Estate Management
TU Wien



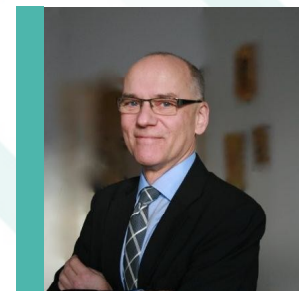
Zouhair Ridouane
Business Development Manager
Arias Labs System



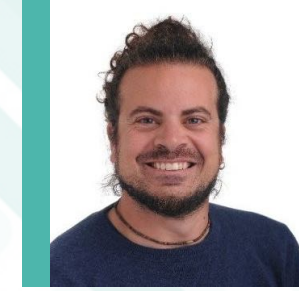
Caterina Berti
Manager Research Lab Operations
NYU Langone Medical Center



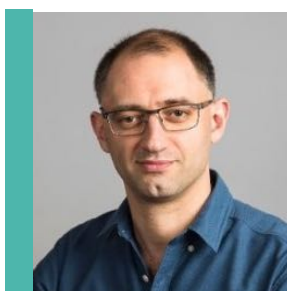
Janet Baum
Fellow Div. Chemical Health and Safety
Harvard University



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:

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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



Day Two

Sept. 27th, 2018

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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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