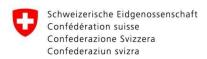
# TECHNOLOGY MEETS ARCHITECTURE DESIGNING TOGETHER THE LIVING ENVIRONMENT OF TOMORROW



**Embassy of Switzerland in the Republic of Korea** 

### **OPEN TALK**

### September 3rd Monday, 2018

4.30pm – 7.00pm | Open Talk 7.00pm – 09.00pm | Networking reception

### **Dongdaemun Design Plaza**

Academy Hall, D5, 3F 281, Eulji-ro, Jung-gu, Seoul

Participation is free of charge

As the space capacity is limited, the priority is based on the order of registration

**RSVP** by August 20th 2018, by sending back the attached <u>excel file</u> to seo.science@eda.admin.ch

For more information about STO Seoul activities stofficeseoul.ch

Nowadays, the continuous advancements in the fields of smart devices, automation, internet of things and artificial intelligence offer the opportunity to create competitive advantages in different industrial sectors. The same technologies facilitate and, indirectly, control human interaction with the living environment. In which way?

How does the "meeting" between architecture and technology improve sustainability in our cities? What are the driving forces for a human-centered built environment?

The contributions during the open talk aim to answer to those questions by reporting the latest advancements in an interdisciplinary approach. Experts and innovators from the academic and private worlds from Switzerland and Korea will bring examples of concrete projects and visions to design together the living environment of tomorrow.

Science and Technology Office Embassy of Switzerland in Seoul

### **PROGRAM**

#### INTRODUCTION

#### 04:30 WELCOMING MESSAGE

H.E. Linus von Castelmur | Ambassador of Switzerland to the Republic of Korea

## 04:35 STO ACTIVITIES AND COOPERATION PROGRAM IN ARCHITECTURE

Alessandra Apicella | Head of Science and Technology Seoul STO Seoul

#### **HUMAN CENTERED BUILT ENVIRONMENT**

## 04:40 WHAT ARE THE VISION AND PHILOSOPHY OF SEJONG SMART CITY IN KOREA?

Jeong Jaeseung | Professor, Korea Advanced Institute of Science and Technology (KAIST)

#### 04:55 HUMAN-BUILDING INTERACTION

Denis Lalanne | Professor, *University of Fribourg - Smart Living Lab* 

# 05:10 Dense and Green Building Typologies: Architecture as Urban Ecosystem

Thomas Schröpfer | Professor, Singapore University of Technology and Design, Swiss Federal Institute of Technology (ETH) Center in Singapore

# 05:25 HUMAN-CENTERED BUILT ENVIRONMENT SUSTAINABILITY ASPECTS OF KOREAN BUILDINGS

Thorsten Schütze | Professor, Sung Kyun Kwan University (SKKU)

#### 05:40 QUESTIONS SESSION

#### **TECHNOLOGY MEETS ARCHITECTURE**

# 05:50 INTER-DISCIPLINARY EXPERIMENTAL PLATFORM FOR THE BUILT ENVIRONMENT OF THE FUTURE - SMART LIVING LAB

Dolaana Khovalyg | Professor, Ecole Polytechnique Fédérale de Lausanne (EPFL)- Smart Living Lab

# **06:05** GREEN BUILDING TECHNOLOGIES IN SAMSUNG C&T Kyunghun Woo | Senior Researcher, Samsung C&T

### 06:20 NEST: URBAN MINING AND RECYCLING

Enrico Ferramondo Marchesi | Innovation Manager, Swiss Federal Laboratories for Materials Science and Technology (EMPA)

# **O6:35** TALL BUILDINGS NEED ACTIVATED WHITE FAÇADE Peter Röthlisberger | Commercial Director, Solaxess

06:50 QUESTIONS SESSION

07:00 CLOSING OF THE OPEN TALK

#### **NETWORKING**

07:00 NETWORKING | APERITIF

09:00 END OF THE EVENT