

# TECHNOLOGY MEETS ARCHITECTURE

## DESIGNING TOGETHER THE LIVING ENVIRONMENT OF TOMORROW



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

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 excel file to [seo.science@eda.admin.ch](mailto:seo.science@eda.admin.ch)

For more information about STO Seoul activities  
[stofficeseoul.ch](mailto: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)*
- 06:35 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**