



AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH  
Giefinggasse 6, 1210 Vienna, Austria  
Angelos Chronis  
T +43 (0) 664 88335485  
E: [angelos.chronis@ait.ac.at](mailto:angelos.chronis@ait.ac.at), <https://cities.ait.ac.at>

# INVITATION

AIT Workshop // World Expo Dubai 2020

CIL: An AI & Big Data driven Approach towards  
Sustainable Future Urban Planning

# AIT WORKSHOP AT WORLD EXPO DUBAI 2020

## City Intelligence Lab: An AI & Big Data driven approach towards sustainable future urban planning

**WHEN:** 24<sup>th</sup> March 2022 // 3 PM & 5 PM

**WHERE:** Austrian Pavillion, iLab @ World Expo Dubai 2020

Under the motto "*Austria makes sense*", Austria is presenting itself as a multifaceted country at the World Expo in Dubai from October 2021 to March 2022. The AIT was able to hold its own in front of the top-class jury of experts when submitting over 140 groundbreaking and innovative products and projects from Austrian companies, institutions and universities with the **CIL City Intelligence Lab**. The jury calls the submission a "*perfect example of Austria's achievements in finding solutions for a better and sustainable future.*"

**With the City Intelligence Lab, AIT is an essential part of the i-Lab at the heart of the Austria Pavilion:** As part of the World Expo, CIL City Intelligence Lab, an interactive platform for exploring new forms and technologies for urban development of the future, gives **two days of workshops and presentations on 'Sustainable Future Urban Planning' – one in November 2021, the second in March 2022**. Key technologies such as augmented reality (AR) as well as artificial intelligence (AI) will be used to create complex simulations and parametric designs and bring them to life interactively with workshop participants from industry, research and government. <https://cities.ait.ac.at/>

The World Expo 2020, themed Connecting Minds, Creating the Future, is held in the United Arab Emirates from October 1, 2021 to March 31, 2022. This is the first World Expo to be held in an Arab country. The main site of Expo Dubai 2020 is a 438-hectare area between the cities of Dubai and Abu Dhabi, near the western border of the Emirate of Dubai with the Emirate of Abu Dhabi. Twenty-five million visitors and a boost to the local economy are expected during the World Expo. <https://www.expo2020dubai.com/>

**Nikolas Neubert**, Head of Competence Unit Digital Resilient Cities, AIT Center for Energy  
**Angelos Chronis**, Head of City Intelligence Lab, AIT Center for Energy

## WORKSHOP PROGRAM

### **15:00/17.00 – Introduction to the City Intelligence Lab**

Introductory lecture on the future of Urban Planning  
Angelos Chronis Head of the City Intelligence Lab

### **15:30/17:30 – InFraReD, an intelligent Framework for Resilient design**

Interactive demonstration of the online InFraReD framework, an AI driven urban planning platform that enables real-time environmental performance prediction using cutting edge machine learning models and big simulation datasets.

### **16:00/18:00 – Interactive demo of the CIL AR platform**

Interactive hands-on workshop using InFraReD and CIL's augmented reality (AR) capabilities. An immersive urban planning experience combining AI and AR.

### **16:30/18:30 – Q&A Session**

Q&A and panel discussion on the future of urban planning and the forthcoming challenges of our cities.

## Registration:

Please register as participant for the workshop with date & time slot latest until 10<sup>th</sup> March 2022 via email to: [angelos.chronis@ait.ac.at](mailto:angelos.chronis@ait.ac.at)

**Important information:** the workshop date of 17<sup>th</sup> February 2022 has been postponed to 24<sup>th</sup> March 2022.

