

Urban Bytes: How Digitalization will change the Urban?

2nd WORKSHOP
PARTICIPATION TO A RESEARCH
AND NETWORKING

19/02/2020

12:30 pm - 15:00 pm - BC 133, EPFL

<https://plan.epfl.ch/?room==BC%20133>

Lunchbox provided

On December the 3rd, 2019, we had a first workshop organized by Habitat Research Center (EPFL) and dhCenter (EPFL/UNIL), in which we invited a group of scholars from both EPFL and UNIL, to discuss the topic 'How the digitalization will change the urban'. During the constructive and fruitful workshop, multiple possible research directions surfaced. In the 2nd workshop, we would like to continue to discuss on those directions and try to form more concrete research questions:

1. The imbalance in data collection

The interest is on the marginalized part of the territory and society whose data is out of the interest to be collected, lead to a possible imbalanced distribution of services.

2. The sustainability of city-territory in the digital era

The interest is on the diffused urbanization, whose sustainable future is being strongly questioned, and where precisely the current reflection on sustainability, including the smart city and TOD model, is not addressing; on the contrary, the current tendency of the use of digital technology, which favors the denser part of the urbanization, can marginalize even more the rest. The research question is, can new technological advancement enable a sustainable future in the diffused urban area?

3. The climate change and health

The interest is on the influence of technological advance on how we deal with climate change and health (the health of all types of habitats in general). I also checked possible flights for Adjan (see the picture below).

It is our pleasure to have Prof. Arjan van Timmeren from TU Delft and AMS Institute to give us a presentation on his research, and join us in a discussion after.



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The program:

- 12:30 Prof. Paola Viganò, HRC, EPFL
An introduction
- 12:45 Prof. Arjan van Timmeren TU Delft, AMS Institute
Presentation
- 13:15 Discussion on different research directions
- 15:00 Closing



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