![iA Chair of Information Architecture]

INFORMATION ARCHITECTUI

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COURSES

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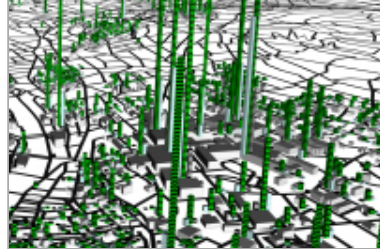
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"WE DEVELOP VISUAL METHODS FOR THE ANALYSIS, DESIGN AND SIMULATION OF URBAN SYSTEMS FOR A SUSTAINABLE FUTURE"

TEDX TUM TALK BY PROF. GERHARD SCHMITT

Like 258

Cities are among the greatest accomplishments of mankind – but they have not quite learned to respond to the needs of their inhabitants yet. Gerhard Schmitt believes that the communication between the city of the future and its people should be bi-directional. He reveals some approaches to make this possible, and interleaves his research with numerous, fascinating examples from people shaping their cities around the world.

MOOC III SMART CITIES

Like 258

"Smart Cities" is the third Massive Urban Online Course in a series of MOOCS under the title "Future Cities". The series aims to bring the latest research results on planning, managing and transforming cities to those places in the world where this knowledge has the highest benefit for its citizens.

FS2017 | INFORMATION ARCHITECTURE AND FUTURE CITIES: SMART CITIES

Like 258

The elective course 'Information Architecture of Cities' opens a holistic view on existing and new cities, with focus on Asia. The goal is to better understand the city by going beyond the physical appearance and by focusing on different representations, properties and impact factors of the urban system. As course

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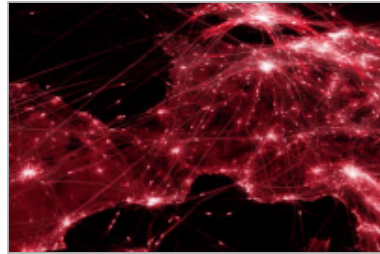TEACHING
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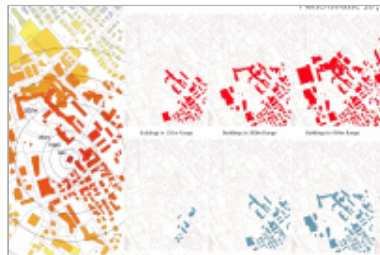IN THE MEDIA
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FS2017 | CREATIVE DATA MINING: UNCOVER AND EVALUATE

Like 258

The students examine patterns of crowd-flows in an extraordinary urbanisation phenomena: festivals. Bottom-up urbanization you might recognize also on pictures from slums, (refugee/military/exploratory) camps etc.
Learn how to simulate the flows of people and how to quantify the (real estate) value of stand locations. Caliente Festival, Zurich, will serve as an example.

FS2017 | DIGITAL URBAN SIMULATION

Like 0

A solid knowledge of computational methods is an increasingly important key competence for future architects or urban planners. In this course you will learn how to analyze and generate spatial configurations with advanced computational methods.

WERKSTATTGESPRÄCH: DIE ZUKUNFT BAUEN

Like 258

An ETH Werkstattgespräch in Singapore with Gerhard Schmitt, the founding director of the SEC (Singapore-ETH Centre), which aims to strengthen the capacity of Singapore and Switzerland to research, understand and actively respond to the challenges of global environmental sustainability.

INFORMATION ARCHITECTURE

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ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

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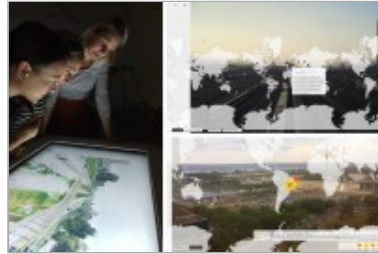PUBLICATIONS
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Course in a series of MOOCS under the title "Future Cities". The series aims to bring the latest research results on planning, managing and transforming cities to those places in the world where this knowledge has the highest benefit for its citizens.

TEACHING THE UNKNOWN

Like 258

As an invited guest in Moon & Jeon's exhibition "News from Nowhere" we present the roughly 2000 images sent in as part of three exercises in our MOOC using an interactive touch-screen application. The app features three modes: 1) all messages 2) a game 3) an exhibition history.

MIGROS Museum für Gegenwartskunst, Escher-Wyss-Platz, Zürich

INCLUSIVE, COOLER CITIES: A DIFFERENT TAKE ON LIVEABILITY

Like 258

Prof. Schmitt's commentary on city development and liveability based on the work of SEC's "Future City Lab" in Singapore.

Commentary available at www.todayonline.com