

# 历史建筑存量的研究

## ‘Research on Historic Building Stocks’

# 城市设计中的反演与减法

## ‘Inversion and Subtraction in Urban Design’

### 主讲 SPEAKERS

Uta Hassler

em. Prof. Dr., ETH Zürich

Iris Belle

Assist. Prof. Dr., Tongji Shanghai

Kees Christiaanse

Prof. ir., ETH Zürich

Partner KCAP

### 地点 LOCATION

建筑与城市规划学院

D楼, 5层, D1报告厅

CAUP Tongji University

Building D, Floor 5,

Lecture Hall D1

### 时间 DATE & TIME

2017年11月7日 星期二

晚上 6:00

7 November 2017, Tuesday

6:00 pm

### 语言 LANGUAGE

英文 English

### 主持 MODERATOR

蔡永洁 教授

CAI Yongjie

Prof. Dr., Tongji Shanghai

**‘Research on Historic Building Stocks’** — Scientific research on historic building stocks always faces the problem that few or no data are available for individual objects. In a bid to evaluate the historic building stock and explore its future, new data for the overall building stock and for individual buildings need to be generated. How analysing building stocks at multiple spatial scales creates these new data and allows to verify, specify, complete and increase interpretability of existing information is the topic of this talk. Methods used by the Institute for Historic Building Research and Conservation (ETH Zurich) to investigate historical building stocks are discussed.

**‘Inversion and Subtraction in Urban Design’** — The contemporary urbanized condition produces an enormous amount of constraints when developing large scale projects, like noise legislation, water management, property lines, zoning regulations or stakeholders. Instead of considering these negative, one can see them as positive resilience factors protecting the town- and landscape against expedited urbanization.



**Uta Hassler**

was professor at the Institute of Historic Building Research and Conservation and its director from 2005 till 2015. From 2011 to 2015 she has been principal investigator of the Future City Laboratory's Module III: Transforming and Mining Urban Stocks.

After studying architecture at TU Munich and TU Karlsruhe and earning her doctorate, she was a teaching assistant and completed the state examination (State Building Authority, Ministry of Finance in Stuttgart and Baden-Württemberg Leadership Academy); from 1991-2005 she held the Chair for Building Conservation and Design, TU Dortmund.

Architectural projects relating to conservational tasks; consultant activity and work with the German Research Foundation (dfg), research focused on building history of the 18th and 19th centuries, industrial culture, building stock dynamics and long-term survival, history of knowledge in architecture.



**Iris Belle**

is Assistant Professor at the Urban Design Department of the College of Architecture and Urban Design at Tongji University. Her research interests include the effect of urban governance on sustainable development, the long-term transformation of the building stock of cities in relation to culture and natural resources, as well as innovation and digital transformation in the architecture, engineering and construction sector.

Iris Belle holds a Ph.D. in Geography from Heidelberg University, a Diploma in Architecture from the Karlsruhe Institute of Technology (KIT) and a certificate in Chinese language from Beijing Normal University.

In the past, Iris was employed as a Post Doc researcher and module coordinator at the Future Cities Lab of the Singapore ETH Centre and the Institute for Historic Building Research and Conservation at ETH Zurich, as architectural and urban designer at AREP Beijing and gmp Architekten Beijing. As a freelancer she has conceptualized conferences and workshops on urban transformation and architecture for the DAAD and the Beijing Institute of Architectural Design.

Iris is a member of stadtkultur-international e.V., ICOMOS Singapore, and a fellow of the German Scholars Leadership Academy.



**Kees Christiaanse**

studied architecture and urban planning at TU Delft. In 1980 he joined the Office for Metropolitan Architecture (OMA) and was appointed partner in 1983. In 1989 he founded his own company, now KCAP Architects & Planners, in Rotterdam. In 1990 he co-founded ASTOC Architects and Planners in Cologne and was partner until 2002.

Kees focuses in his work on urban assignments in complex situations and on guiding of urban processes. He is an expert in the development of university campuses and in the revitalisation of former industrial, railway and harbour areas and is a supervisor of several international urban developments.

Throughout his career Kees has always combined teaching and research with his professional work within KCAP, which has generated fruitful crossfertilisations. From 1996 until 2003 he held a professorship for architecture and urban planning at the Technical University of Berlin. Since 2003 he has been chair of the Urban Planning Institute of Swiss Federal Institute of Technology (ETH) in Zurich, since 2010 he has been involved in the Future Cities Laboratory (FCL) in Singapore. In 2013, he was appointed Chairperson of the External Advisory Board of the Architecture and Design Department of the Singapore University of Technology and Design (SUTD).

In 2009, Kees was curator of the 4th International Architecture Biennale Rotterdam (IABR) with the title “Open City. Designing Coexistence”. He is author of a multitude of books and essays about architecture and urban planning and was awarded with the lifetime honour ‘2016 RIBA International Fellowship’ for his particular contribution to architecture.