



LSGI Distinguished Lecture Series “Senseable Cities”

Overview

It was our pleasure to invite Professor Carlo Ratti, Massachusetts Institute of Technology (MIT), to deliver a seminar of the LSGI Distinguished Lecture Series, to deliver a seminar of the LSGI Distinguished Lecture Series on 11 June 2018.



Biography

An architect and engineer by training, Professor Carlo Ratti teaches at the Massachusetts Institute of Technology (MIT), where he directs the Senseable City Lab, and is a founding partner of the international design and innovation office Carlo Ratti Associati. He graduated from the Politecnico di Torino and the École Nationale des Ponts et Chaussées in Paris, and later earned his MPhil and PhD at the University of Cambridge, UK.

A leading voice in the debate on new technologies' impact on urban life and design, Carlo has co-authored over 500 publications, including “The City of Tomorrow” (Yale University Press, June 2016, with Matthew Claudel), and holds several technical patents. His articles and interviews have appeared on international media including The New York Times, The Wall Street Journal, The Washington Post, Financial Times, Scientific American, BBC, Project Syndicate, Corriere della Sera, Il Sole 24 Ore, Domus. His work has been exhibited worldwide at venues such as the Venice Biennale, the Design Museum Barcelona, the Science Museum in London, MAXXI in Rome, and MoMA in New York City.

Carlo has been featured in Esquire Magazine's 'Best & Brightest' list and in Thames & Hudson's selection of '60 innovators' shaping our creative future. Blueprint Magazine included him as one of the '25 People Who Will Change the World of Design', Forbes listed him as one of the 'Names You Need To Know' and Fast Company named him as one of the '50 Most Influential Designers in America'. He was also featured in Wired Magazine's 'Smart List: 50 people who will change the world'. Two of his projects – the Digital Water Pavilion and the Copenhagen Wheel – have been included by TIME Magazine in the list of the 'Best Inventions of the Year'.

Senseable Cities

The way we live, work, and play is very different today than it was just a few decades ago, thanks in large part to a network of connectivity that now encompasses most people on the planet. In a similar way, today we are at the beginning of a new technological revolution: the Internet is entering the physical space – the traditional domain of architecture and design – becoming an “Internet of Things” or IoT. As such, it is opening the door to a variety of applications that – in a similar way to what happened with the first wave of the Internet - can encompass many domains: from energy to mobility, from production to citizen participation. The contribution from Prof. Carlo Ratti will address these issues from a critical point of view through projects by the Senseable City Laboratory, a research initiative at the Massachusetts Institute of Technology, and the design office Carlo Ratti Associati.