



Dr. Carlo Ratti

CIRCLE
Distinguished Lecture Series
Senseable Cities

ABSTRACT: 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 production to citizen participation, from energy to mobility to public hygiene, all of which requiring new insights due to the changes brought forth by the ongoing COVID-19 pandemic. 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.

Bio: 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, 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.

CIRCLE: The Center for Infrastructure Resilience in Cities as Livable Environments is one of three research themes supported by the joint Dynamic Research Enterprise for Multidisciplinary Engineering Sciences (DREMES), established between the University of Illinois at Urbana-Champaign (UIUC) and Zhejiang University (ZJU). The CIRCLE Distinguished Lecture Series is intended to provide opportunities for faculty and students to meet and interact with internationally renowned experts in the field.

To register send an email to circle@intl.zju.edu.cn or scan the QR code. Registration is free.

14 OCT 2021 on  zoom | at 8AM CDT - 9PM Beijing Time

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CIRCLE
杰出讲座系列

Dr. Carlo Ratti

可感知城市

摘要: 如今我们的生活、工作和娱乐方式与几十年前相比有了很大的变化，这在很大程度上要归功于覆盖了全球大多数人的互联网。与此同时，互联网已经开始进入我们的现实空间，传统的建筑和设计领域将进入一个全新的“物联网”时代，我们正处于这场新的技术革命的开端。因此，就像互联网的第一波浪潮所引发的一样，这场技术革命为“物联网”的各类应用打开了大门，它可以涵盖众多领域，如：从生产到公众参与城市决策，从能源到出行，再到公共卫生等。由于新冠病毒大流行带来的变化，这些领域都需要全新的认识。RATTI教授的讲座将通过麻省理工学院的感知城市实验室(MIT SENSEABLE CITY LABORATORY)和CARLO RATTI ASSOCIATI设计事务所的项目，从关键的角度解决这些问题。

简介: CARLO RATTI教授是在麻省理工学院(MIT)授课的一名建筑师和工程师。在领导麻省理工学院感知城市实验室的同时，他也是CARLO RATTI ASSOCIATI国际设计和创新事务所的合伙创始人。RATTI教授毕业于意大利都灵理工大学(POLITECNICO DI TORINO)和法国巴黎的国立路桥学校(ÉCOLE NATIONALE DES PONTS ET CHAUSSÉES)，并在英国剑桥大学(UNIVERSITY OF CAMBRIDGE)获得硕士和博士学位。作为新技术对城市生活和设计影响领域的一位领军人物，RATTI教授与人合作出版了多达500多部出版物，其中包括《明日之城》(THE CITY OF TOMORROW)(耶鲁大学出版社，与马修·克劳德尔(MATTHEW CLAUDEL)合作出版)，并拥有多项技术专利。他的文章和采访被多家国际媒体报道，包括《纽约时报》、《华尔街日报》、《华盛顿邮报》、《金融时报》、《科学美国人》、《英国广播公司》、《报业辛迪加》、《意大利晚邮报》、《意大利24小时日报》、《DOMUS》。他的作品曾在威尼斯双年展、巴塞罗那设计博物馆、伦敦科学博物馆、罗马MAXXI博物馆和纽约现代艺术博物馆等世界各地展出。RATTI教授曾入选《时尚先生》杂志的“BEST & BRIGHTEST”名单，并入选THAMES & HUDSON出版社评选的塑造我们创造性未来的“60位创新者”。

CIRCLE: 宜居城市基础设施韧性中心是伊利诺伊大学厄巴纳-香槟分校(UIUC) 格兰杰工程学院和浙江大学(ZJU) 建立的三个联合研究中心之一。CIRCLE 杰出讲座系列旨在为教师和学生提供与该领域国际知名专家会面和互动的机会。

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2021年10月14日



北京时间：晚上9点

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