



GIS BIM SUMMER SCHOOL PRESENTATION

罗马第一大学GIS BIM 国际夏令营

Thursday 8th July 2021, 09:45 – 10:45 am, CEST

2021年07月08日，星期四，北京时间 15:45-16:45

Rome Venue: Auditorium, Faculty of Architecture of Fontanella Borghese, Rome

罗马会场：罗马建筑学院礼堂

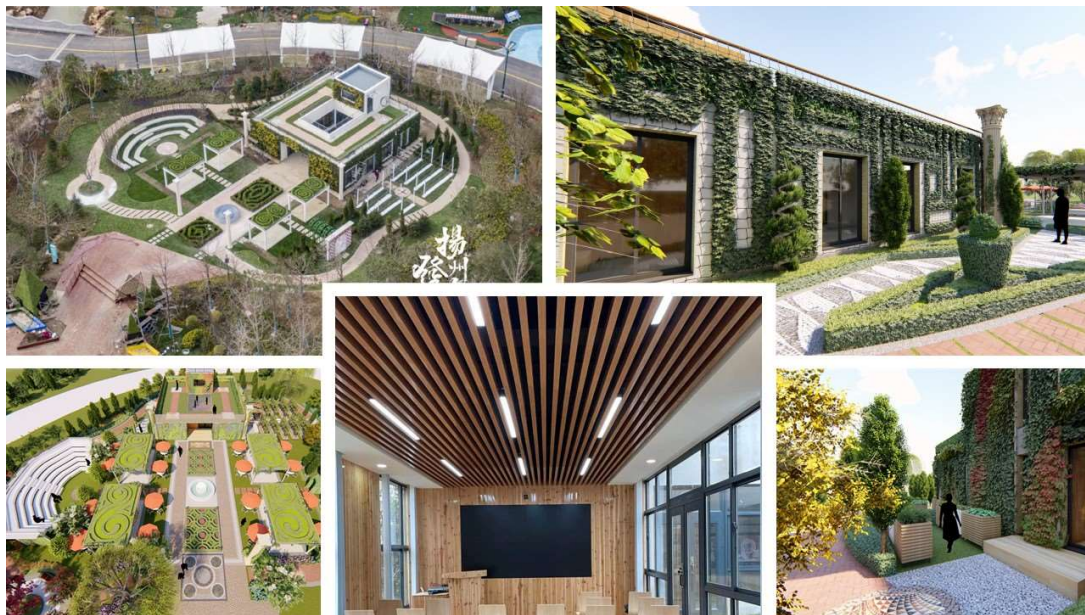
Yangzhou Venue: Pavilion, Hortus Romani garden, IHE Yangzhou

扬州会场：世界园艺博览会罗马园展馆会议厅

Online Registration 线上注册：

<https://www.cognitofirms.com/IURCChinaProgramme/ThePresentationOfGISBIMSummerSchoolSapienzaUniversityOfRome>

English-Chinese Simultaneous Interpretation available 会议提供中—英同声传译





DIGITAL TWIN FOR SUSTAINABILITY:

INNOVATIVE INTEGRATED SOLUTIONS FOR DESIGN

At the beginning of the 4th Industrial revolution, the advent of digitalization, innovative technologies and materials, and new construction techniques, have begun transforming the way that infrastructure, real estate and other built assets can be planned, designed, constructed and operated in order to create a more attractive, energy efficient, comfortable, affordable, safe and sustainable built environment. Developments in digital design, artificial intelligence, robotics, nanotechnology, additive manufacturing, have finally started to move the construction industry - traditionally reluctant to innovation and slow in adopting new technologies - towards a new era.

可持续发展的数字孪生工具：创新的整合设计解决方案

在第四次工业革命初期，数字化、创新技术和材料、以及新式建筑技术的出现，逐渐改变了基础设施、房地产和其他建筑资产的规划、设计、建造和运营方式，以便创造更具吸引力、节能、舒适、可负担、安全和可持续的建筑环境。数字设计、人工智能、机器人、纳米技术及增材制造的发展，终于将长久以来抗拒创新、并对新技术保持消极态度的建筑行业推向新时代。

Agenda 议程

Moderator 主持人		Ing. Patrick Maurelli, Urban Planning Technology PhD Coordinator of GIS BIM & Digital Twin Laboratory - CITERA Interdepartmental Centre for Territory, Building, Conservation and Environment, Sapienza University of Rome 都市规划科技 博士 / GIS, BIM及数位双子实验室协调员 罗马第一大学 跨部门土地建筑保护及环境中心 派崔克·莫雷利 工程师
Summer School Presentation 罗马第一大学 GIS BIM 国际夏令营		
CEST 欧洲	CST 中国	Speaker / 发言人 Agenda topic / 议程主题
09:45 09:55	15:45 15:55	Keynote Speech 主题演讲 Flavio Rosa, ISS GIS-BIM 2020-2021 coordinator, Adjunct Professor in Environmental Building Physics, Faculty of Architecture Rome, CITERA, Sapienza University of Rome 罗马第一大学 土地建筑保护及环境中心罗马建筑学院 环境建筑物理学 2020-2021 GIS & BIM 暑期学校协调员 弗拉维奥·罗萨 客座教授 Topic: Introduction of the Summer School program 主题: GIS BIM 国际夏令营介绍
09:55 10:10	15:55 16:10	Keynote Speech 主题演讲 Assistant Professor Georgios Kapogiannis, Department of Architecture and Built Environment Faculty of Science and Engineering, University of Nottingham Ningbo China 宁波诺丁汉大学理工学院 建筑与建筑环境系 乔治·卡波吉安尼斯助理教授 Topic: Transdisciplinary Digital Engineering for Sustainable Design 主题: 可持续设计跨学科数字工程
10:10 10:15	16:10 16:15	Video: Participants' feedbacks on the participation in the 2020 Summer School 视频: 2020年参加暑期学校学员的反馈

CEST 欧洲	CST 中国	Speaker / 发言人 Agenda topic / 议程主题
10:15 10:20	16:15 16:20	<p>Keynote speech 主题演讲</p> <p>Ing. Patrick Maurelli, Urban Planning Technology PhD Coordinator of GIS BIM & Digital Twin Laboratory - CITERA Interdepartmental Centre for Territory, Building, Conservation and Environment, Sapienza University of Rome</p> <p>都市规划科技 博士 / GIS BIM及数位双子实验室协调员 罗马第一大学 跨部门土地建筑保护及环境中心 派崔克·莫雷利 工程师</p> <p>Topic: Presentation of the CITERA Lab GIS-BIM. 主题: 跨部门土地建筑保护及环境中心GIS BIM及数位双子实验室 介绍</p>
10:20 10:30	16:20 16:30	<p>Keynote Speech 主题演讲</p> <p>Professor Xing Shi, Professor, College of Architecture and Urban Planning, Tongji University 同济大学建筑及城市规划学院 石 邢 教授</p> <p>Topic: International Cooperation of Architectural Education in Context of Green & Digitalization 主题: 绿色和数字化背景下的国际建筑教育合作 (视频)</p>
10:30 10:40	16:30 16:40	<p>Q&A 讨论</p> <p>Closing remarks 结语</p>