

April 20, 2022

PRESS RELEASE

Cities are facing a series of unprecedented challenges related to environmental and societal disruptions. Designers, researchers, urban planners and policymakers can play a crucial role in shaping the next generation built environment.

The international conference Challenges for the NEXT Generation BUILT Environment will be held in Bologna on May 13, 2022 and will bring these relevant actors together to stimulate a reflection on the most promising and innovative perspectives, trends, approaches, practices, and tools to overcome the problems the world is coping with and those that may arise in the future.

Within the framework of the NEXT GENERATION EU plan, NEXTBUILT will address the different scales of the built environment according to the following four topics:

Topic 1 - Shaping Climate Resilient Cities of Tomorrow

Topic 2 - Energy, Buildings, Users: Pathways for Effective Integration

Topic 3 - Adapting Systems and Components to the Next Generation Needs

Topic 4 - Towards Circular Systems: Prediction, Simulation, Assessment Tools

The conference is based on an innovative and dynamic structure combining inspiring keynote lectures held during the morning plenary session and multiple discussion roundtables in the afternoon parallel sessions.

Plenary session is physically hosted in Bologna; however, due to the pandemic circumstances and possible restrictions, the access can be limited. To ensure everyone can get the best from the valuable key notes, the plenary session is also accessible via live streaming.

Round tables are entirely managed via web platform to ensure the widest participation and interaction. Each of the four parallel session is chaired by the Topic keynote speaker and by a dedicated facilitator. A final wrap up activity is included.

Visit the web site for further information: <https://next-built.org/>

Organizer

University of Bologna | Department of Architecture

Chairmen

prof. Jacopo Gaspari and prof. Ernesto Antonini

Organizing committee

Ernesto Antonini, Licia Felicioni, Jacopo Gaspari, Lia Marchi

Scientific committee

Ernesto Antonini | Professor | *Department of Architecture – University of Bologna, Italy*

Stephen Emmitt | Professor | *Head of Department of Architecture and Civil Engineering – University of Bath, United Kingdom*

Cristina Garzillo Leemhuis | Senior Coordinator | *Culture and Cultural Heritage – Governance and Social Innovation – ICLEI European Secretariat – Freiburg, Germany*

Jacopo Gaspari | Professor | *Department of Architecture – University of Bologna, Italy*

Cécile Houpert | Project Coordinator | *Eurocities – Brussels, Belgium*

Raphaël Labrunye | Architect | *Director of ENSA Normandie – Rouen, France*

Nguyen Thai Huyen | Architect-urban planner | *Vice director of Institute of International Training and Cooperation – Hanoi Architectural University – Hanoi, Vietnam*

Valentina Orioli | Professor | *Deputy Mayor for Mobility, infrastructures, liveability – Municipality of Bologna, Italy*

Ayşen Savaş | Professor | *Department of Architecture – Middle East Technical University – Ankara, Turkey*

Joana Carla Soares Gonçalves | Professor | *University of São Paulo, Brazil | Lecturer of Architecture and Environmental Design – University of Westminster, United Kingdom*

Jan Tywoniak | Professor | *Faculty of Civil Engineering – Czech Technical University in Prague, Czechia*

Juan A. Vallejo | Architect | *VL MSc Architecture and Environmental Design – University of Westminster, London, United Kingdom*

PROGRAMME

- 09.00 University of Bologna and City of Bologna welcome greetings
Institutional greetings Italian Society of Technology for Architecture | Prof. Mario Losasso
A new vision for the future of Built Environment | Prof. Valentina Orioli
Introduction to NEXTBUILT | Prof. Ernesto Antonini and Prof. Jacopo Gaspari
- 10.00 Shaping climate resilient cities of tomorrow
Rosa Schiano Phan | School of Architecture and Cities, University of Westminster [UK]
- 10.30 Energy, buildings, users: pathways for effective integration
Laura Aelenei | National Laboratory of Energy and Geology [PT] EERA JPSC
- 11.15 Adapting systems and components to the next generation needs
Antonín Lupíšek | University Centre for Energy Efficient Buildings, CTU [CZ]
- 11.45 Towards circular systems: prediction, simulation, assessment tools
Kevin Hom | School of Technology and Design, City University of New York [US]
- 12.15 Question and Answer session
- 12.45 Round tables brief
- 13.00 Lunch break
- 14.00 Parallel virtual roundtables
- 16.00 Final reflections
- 16.30 Conclusions

ACCEPTED PRESENTATIONS

Aboul Hesn, S. | Notre Dame University Louaize (LB)
B. F. Cunha, F. | AESS (IT)
Bas, A.H. | University of Sheffield (UK)
Ben Othmen. M.A. | Institut Polytechnique UniLaSalle (FR)
Bernardini, C. | Politecnico di Milano (IT)
Bianco, A. | University of Naples Federico II (IT)
Boulanger, S. | University of Bologna (IT)
Çakmaklı Zeytun, A.B. | Middle East Technical University (TR)
Çankaya Topak, S. | Middle East Technical University (TR)
Clemente. M.F. | University of Naples Federico II (IT)
Correia, J. | De Jean-Marín architects (FR)
Dang, A.N. | Hanoi Architectural University (VN)
Duivon, L. | URBASOFIA (RO)
Errante, L. | Università degli Studi "Mediterranea" (IT)
Figliola, A. | Unicam School of Architecture and Design (IT)
Frighi, V. | University of Ferrara (IT)
Geagea, T. | DAR[e] (LB)
Giacomello, E. | Iuav University of Venice (IT)
Gönenç Sorguç, A. | Middle East Technical University (TR)
Huynh, N. | Politecnico di Milano (IT)
Kaya, F.E. | University of Sassari (IT)
Khan-Pathan, S. | S.P.A Architects (IN)
Le, D. | Hanoi Architectural University (VN)
Loggia, C. | University of KwaZulu-Natal (ZA)
Love, N. | Hasslet University (BE)
Mangiatordi, A. | Sapienza University of Rome (IT)
Massari, M. | University of Bologna (IT)
Medina, B. | WE&B (ES)
Montella, I. | Roma Tre University (IT)
Nguyen, Q.H. | Politecnico di Milano (IT)
Nguyen, T.H. | Hanoi Architectural University (VN)
Orsetti, E. | University of Southern Denmark (DK)
Picott, J. | Universidade do Minho (PT)
Pomyjová, E. | Czech Technical University in Prague (CZ)
Ricciardi, G. | Politecnico di Torino (IT)
Sari, R. | Antalya Bilim University (TR)
Tekin, M. | University of Sheffield (UK)
Topak, F. | Penn State University (USA)
Tosun, S. | Middle East Technical University (TR)