



POLITECNICO
MILANO 1863

DIPARTIMENTO DI ARCHITETTURA
E STUDI URBANI
SCUOLA DI ARCHITETTURA URBANISTICA
INGEGNERIA DELLE COSTRUZIONI

craft

competence center
anti-fragile territories

Supported by



Patronage of



ORDINE DEGLI ARCHITETTI,
PIANIFICATORI, PAESAGGISTI E CONSERVATORI
DELLA PROVINCIA DI MILANO



LECTURE SERIES

Architecture and Sustainability: Matter, Quality, Form

APPROPRIATED TECHNOLOGY

opening / Massimo Bricocoli [Director of DASTU, POLIMI]
Simona Giorgetta [Board Member, MAPEI]

introduction / Giulia Setti [DASTU, POLIMI]

ANUPAMA KUNDOO

[ANUPAMA KUNDOO ARCHITECTS, Pondicherry, Berlin]

RAUL PANTALEO

[TAMassociati, Venezia]

with Elisa Portigliatti [Sport Flooring line, MAPEI]

discussants / Alice Buoli [DASTU, POLIMI]

Stamatina Kousidi [DASTU, POLIMI]

chair / Alessio Battistella [DASTU, POLIMI]

April 22, 2024 h 14.30 - 18.30

Aula Vetrata, Trifoglio, Building 13
Via Bonardi, 9, MM Piola, Milano

Curated by Massimo Bricocoli, Giulia Setti, Alessio Battistella
Coordination / Beatrice Balducci, Mauro Marinelli, Kevin Santus, Francesca Zanotto
Registration available at <https://www.polimi.it/corsi/master-universitari-e-corsi-post-laurea/409>
Info at kevin.santus@polimi.it



**POLITECNICO
MILANO 1863**

DIPARTIMENTO DI ARCHITETTURA
E STUDI URBANI
SCUOLA DI ARCHITETTURA URBANISTICA
INGEGNERIA DELLE COSTRUZIONI

craft

competence center
anti-fragile territories

Supported by



Patronage of



ORDINE DEGLI ARCHITETTI,
PIANIFICATORI, PAESAGGISTI E CONSERVATORI
DELLA PROVINCIA DI MILANO



LECTURE SERIES

Architecture and Sustainability: Matter, Quality, Form

The seminar, promoted by the Department of Architecture and Urban Studies and sponsored by Mapei, explores the contemporary relevance of the relationship between architecture and sustainability, identifying strategies and projects for overcoming the current and upcoming environmental crisis. Through a series of lectures, sustainability is explored in its technological, urban, architectural, and social aspects, focusing on the innovative use of materials and experimental technological and typological solutions. The invited designers and firms are among the main protagonists of a new architectural season, oriented toward developing new solutions to limit resource consumption and meet the need for greater efficiency required by European and global standards. The seminar is structured in five thematic days, where talks by practitioners are followed by discussions with academic professors.

April 22, 2024

2 / APPROPRIATED TECHNOLOGY

This event marks a pivotal moment in exploring the intersection of technology, architecture, and sustainability. We will delve into the intricate factors that define the appropriate technologies. Key considerations include climate responsiveness, cultural relevance, resource efficiency, and adaptability. By evaluating these parameters, architects can ascertain the suitability of technologies for a given context and ensure the sustainability of their projects.

Our speakers will share insights gleaned from their extensive experience in navigating these complexities. Through an exploration of their innovative projects, attendees will gain valuable perspectives on the transformative potential of appropriate technologies. From vernacular-inspired designs to cutting-edge sustainable solutions, their work exemplifies a holistic approach to architecture that embraces both tradition and innovation.

REGISTRATION AND CREDITS

The registration procedure is exclusively available online at <https://www.polimi.it/corsi/master-universitari-e-corsi-post-laurea/409>

The attendance to the conference will give to Architects 4 CFP. Information available at kevin.santus@polimi.it

ANUPAMA KUNDOO graduated from University of Mumbai in 1989 and received her PhD degree from TU Berlin in 2008. Her research-oriented practice started in 1990 in Auroville has generated people centric architecture based on spatial and material research for low environmental impact while being socio-economically beneficial. Her body of works was recently exhibited as a solo show 'Taking Time' at Louisiana Museum of Modern Art, Denmark. She has taught Architecture and Urban Management at various international universities strengthening her expertise in rapid urbanization and climate change related development issues including at Yale University and Columbia University. She is currently Professor of Architecture at T.U. Berlin. She received the RIBA Charles Jencks award for her contribution to architectural theory, the 2021 Auguste Perret Prize for architectural technology, the 2021 Building Sense Now global award of the German Sustainable Building Council DGNB, and the Global Award for Sustainable architecture under UNESCO patronage in 2022. [Her studios are based in Berlin in Germany, and Pondicherry in India.](#)

RAUL PANTALEO is an Italian architect, born in Milano, graduated from IUAV the Faculty of Architecture in Venice. Since 2019 adjunct professor of Architectonic Design at the University of Trieste. He is one of the co-founder of [TAMassociati](#), a practice specializes in Impact Design. Internationally, TAMassociati works on sustainable and socially equitable architecture. With TAMassociati, in 2013 winner of the "Aga Khan Award for Architecture" and the "Curry Stone Design Prize 2013", in 2014 the "Zumtobel Group Award". In 2014 with TAMassociati "Best Italian Architect of the year"; in 2016, Curatorial Team of the Italian Pavilion at the 15th International Architecture Exhibition of La Biennale di Venezia. In 2016 tutor for Renzo Piano of the G124 - Marghera working group at the Senate of the Italian Republic. Since 2009 to present member of the Emergency NGO Board of Directors, since 2020 member of the Michelucci Foundation Scientific Committee.

ELISA PORTIGLIATTI graduated at Politecnico of Torino in Environmental Engineering joined [Mapei SpA](#) in 2003 and started the activity with geotechnologies for underground constructions. Since 2011, she works for Mapei division committed to sport facilities, bringing the acquired geotechnical expertise in the sport flooring sector. Since 2014 she has focused on research and development projects aiming at sustainable and zero or negative carbon footprint systems for sport flooring pavements, cooperating with Sport Federations and Associations. E. Portigliatti is currently focused on motorsport business development by the design of cutting-edge and sustainable technologies for the fast-paced world of circuits, including material design, site supervising and monitoring. She has authored or co-authored several scientific and research publications including: E. Portigliatti, "Tradition and innovation: the pisè" in the book "Emergency – Children's Hospital, Entebbe, Uganda" published by Fondazione Renzo Piano.

March 25, 2024	CIRCULARITY & REUSE	chair: Francesca Zanotto
April 22, 2024	APPROPRIATED TECHNOLOGY	chair: Alessio Battistella
May 6, 2024	MATERIALS, TECHNIQUES, LOCAL CARE	chair: Giulia Setti
May 13, 2024	ALPINE WAYS	chair: Mauro Marinelli
May 27, 2024	SUSTAINABLE SOCIAL HOUSING	chair: Massimo Bricocoli