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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]

RAUL PANTALEO

[TAMassociati, Venezia]

ANUPAMA KUNDOO

[ANUPAMA KUNDOO ARCHITECTS, Berlin]

discussants / Lorenzo Pagliano [DASTU, POLIMI]
Stamatina Kousidi [DASTU, POLIMI]
Alessandro Rogora [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



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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

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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.

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. In 2016 Tutor of the working group of Senator Renzo Piano G124 at the Senate of the Republic. He is one of the co-founder of [TAMassociati](#), a practice specializes in Impact Design. Internationally, TAMassociati works on sustainable and socially equitable architecture. Some of the current and completed projects include: The Salam Centre for Cardiac Surgery for Emergency NGO in Sudan, Banca Popolare Etica in Padova, Children Surgery Centre for Emergency NGO in Uganda with Renzo Piano; healthcare buildings in Italy, Niagaragua, Darfur, Sudan; Central African Republic, Sierra Leon, Afghanistan, Iraq, Kenya, Senegal, Rwanda and Uganda. 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.

ANUPAMA KUNDOO was born in 1967 in Pune, India. She graduated in 1989 from the Sir J. J. College of Architecture at the University of Mumbai. [Kundoo has offices in Auroville and Berlin.](#) For her work, knowledge and education are the requirements for successful design in technical and social terms. Their architecture is characterized by aesthetics, their play with light and shadow, the spatial understanding of interwoven indoor and outdoor spaces, the embedding of their buildings in a landscaped frame, and the fine-tuning of the used materials. Kundoo conducts research and education worldwide, including ETSAB Barcelona, Parsons New School of Design New York, and the University of Queensland. Her projects include buildings such as Hemant Divya, Auroville Town Hall Complex, and Wall House. In 2013, she received the Dr. V. Joshi Award, and in 2015 she was awarded the NDTV Commercial Interior of the Year.

REGISTRATION AND CREDITS

The registration procedure is exclusively available online at the following link:

<https://www.polimi.it/corsi/master-universitari-e-corsi-post-laurea/409>

The attendance to the conference will give to Architects 3 CFP. Information available at kevin.santus@polimi.it

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 2024	ALPINE WAYS	chair: Mauro Marinelli
May 2024	SUSTAINABLE SOCIAL HOUSING	chair: Massimo Bricocoli