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LECTURE SERIES

Architecture and Sustainability: Matter, Quality, Form

MATERIALS, TECHNIQUES, LOCAL CARE

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

JOSEP RICART

[HARQUITECTES, Barcelona]

GIACOMO BORELLA

[Studio Albori, Milano]

with Grazia Signori [Architectural Stone Paving Line, MAPEI]

discussants / Fabio Lepratto [DASTU, POLIMI]
Lorenzo Pagliano [DASTU, POLIMI]
chair / Giulia Setti [DASTU, POLIMI]

May 6, 2024 h 14.30 - 18.30

Aula Rogers, Building 11
Via Ampère, 2, MM Piola, Milano

Curated by Massimo Bricocoli, Giulia Setti
Coordination / Beatrice Balducci, Alessio Battistella, Mauro Marinelli, Kevin Santus, Francesca Zanotto
Registration available at
<https://www.polimi.it/en/programmes/specializing-masters-and-postgraduate-programmes/414>
Info at kevin.santus@polimi.it

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.

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The event aims to define a critical reflection on the topic of materials, technology, and care of places in contemporary architecture; therefore, it proposes to think about the challenges that architecture must overcome with a glance at the sustainability of constructive and environmental processes.

Through a selection of projects presented by the invited speakers, significant design positions will be illustrated with respect to the relationship between architecture and sustainability, in relation to the materials chosen and the contexts of intervention. In particular, the innovative use of traditional materials or the ability to build sensitive and refined combinations between the existing context and new additions. The seminar offers a reflection on the challenges linked to technological innovation and the relationship with the places on which architecture will have to reflect more and more in the near future.

REGISTRATION AND CREDITS

The registration procedure is exclusively available online at <https://www.polimi.it/en/programmes/specializing-masters-and-postgraduate-programmes/414>

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

JOSEP RICART is partner at [HArquitectes](#), an architecture studio founded in 2000 together with David Lorente, Xavier Ros and Roger Tudó. They combine their professional activity with teaching, in Polytechnic University of Catalonia Faculty of Architecture (ETSAV and ETSAB), Swiss Federal Institute of Technology Zurich, and Harvard University Graduate School of Design. They have been invited to Porto Academy, Architectural Association School of architecture, University of Texas at Austin, Pontifical Catholic University of Chile, École d'Architecture Paris-Villemin, and Umeå School of Architecture, among other institutions. They have received several national and international awards and their work has been widely published and exhibited. Among their awards there are the Fritz Höger Preis (2014), the Ugo Rivolta European Prize (2015) and the Premio Bienal Iberoamericana XIII (2016).

GIACOMO BORELLA graduated from the Faculty of Architecture of the Politecnico di Milano in 1989. He trained in the studio of Alvaro Siza in Porto and of Umberto Riva in Milan. He has held seminars, courses and conferences in Italian and foreign universities, has collaborated with various magazines, newspapers and radio stations, and has written and edited a few books.

Together with Emanuele Almagioni and Francesca Riva, in he founded [studio Albori](#). Established in 1993, the office works on the themes of architecture and landscape, with particular care for issues of energy and environment, and how they intersect with everyday living. It is both an architectural practice and a building workshop. It has participated in international exhibitions and conferences (Biennale di Venezia, 2008; Bienal panamericana de Quito, Ecuador 2012; Chicago Architecture Biennial, USA 2015; XXI Triennale di Milano, 2016) and social workshops in several Italian cities.

GRAZIA SIGNORI is one of Italy's nearly 60 Euro-geologists (geologists with a professional title also recognized abroad).

Graduated from the Faculty of Earth Sciences at the University of Milan with a thesis in experimental petrology (a.y. 1999/2000), she has been dealing with natural stone since 1999, initially with research projects at CNR IDPA (Institute for the Dynamics of Environmental Processes), then directing from 2005 to 2016 the Testing Laboratory of the Marble and Stone District of Veneto, the main stone processing center of excellence worldwide. Since late 2016, she has been working for [Mapei SPA](#) on systems for the installation of architectural stone pavements for historic centers and prestigious settings in Italy and the rest of the world. Lecturer at Università Bicocca of Milan Cattolica of Brescia and Piacenza, she is author and co-author of scientific and popular publications devoted to ornamental stones, and since 2005 she has been an appointed expert in several UNI national and European CEN standard working groups.

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