

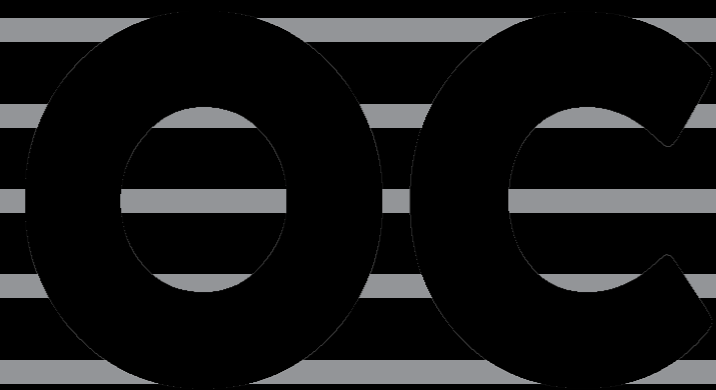
International Summer School
Campus Arata
Piacenza, via Scalabrini 76
August 29th - September 14th, 2018

2018
INTERNATIONAL
SUMMER SCHOOL
PIACENZA 2018



9TH EDITION 29 AUGUST / 14 SEPTEMBER 2018
Piacenza Campus Arata

Guya Bertelli
edited by
Michele Roda
Martina Sogni



POLITECNICO DI MILANO
Scuola di Architettura, Urbanistica e Ingegneria delle Costruzioni
Polo Territoriale di Piacenza
Via Scalabrini 113 - 29100 Piacenza - Italy

Landscape 4.0. Sharing spaces for the future city.

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Guya Bertelli - Politecnico di Milano, Dipartimento di Architettura e Studi Urbani (DASU)

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Santarcangelo di Romagna (RN)

OC - Open City
INTERNATIONAL
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Piacenza 2018

*from ecological landscape
to architectural design*

LANDSCAPE 4.0

Sharing spaces for the future city

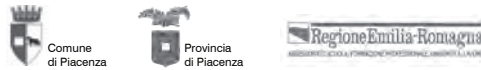
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AUGUST 29th - SEPTEMBER 14th, 2018

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DI PIACENZA E VIGEVANO

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SOME NUMBERS AND DATA FROM OC2018

123 students

20 different nationalities

Australia, Brasil, Cina, Cyprus, Egypt, Germany, Philippines, Jordan, Japan, Ghana, India, Indonesia, Iran, Italy, Malaysia, Ruanda, South Africa, Spain, Turkey, Venezuela

4 directors

3 + 2 coordinators + organizers

22 ws supervisors + tutors

9 architecture lectures

1 parallel event

17 lecturers

2 critics

1 visit to Biennale di Architettura di Venezia freespace discussion

2+14+20 jury members in the 3 critic panels

10 nationalities of professors

3 exhibitions

PIACENZA DIARY





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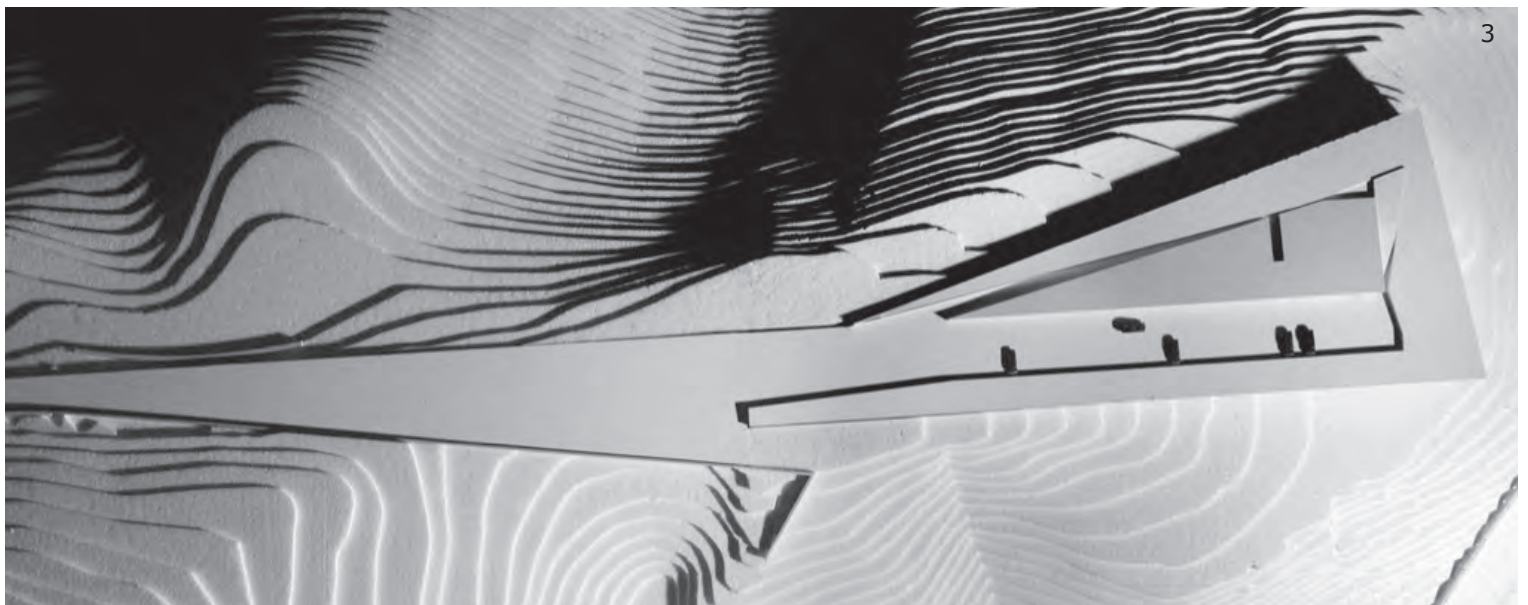
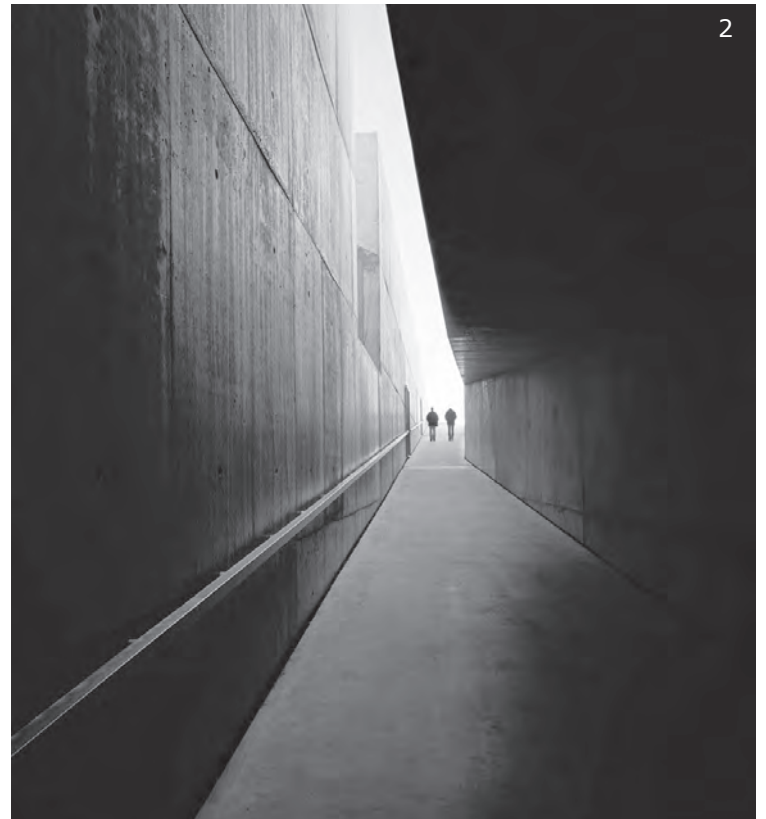
CAMILO REBELO



Graduated at the Faculdade de Arquitectura da Universidade do Porto-FAUP, Camilo Rebelo was one of the main collaborators of Eduardo Souto De Moura, between 1994 and 1998 and from 1998 of Herzog & De Meuron. Assistant Professor at the FAUP since 1999. Established his own office in 2000 in Oporto. Awarded author, namely with the first prize in the international competition for the Museum of Art and Archaeology of Vale do Côa (2004-2009) and the third prize in the international competition for the Oporto Tram Museum (2010), both in co-authorship with Tiago Pimentel; and the honourable mention in the international competition for the Museum of Modern Art of Warsaw (2007), in co-authorship with Susana Martins. Recently awarded with the Bauwelt Prize 2013 with the Museum of Vale do Côa. Invited Professor at the École Polytechnique Fédérale de Lausanne, at the Escuela Técnica Superior de Arquitectura, Universidad de Navarra and at the Accademia di Architettura di Mendrisio. Since 2016 he has been a Visiting Professor at Politecnico di Milano, Piacenza Campus.



1 - 2 - 3 Camilo Rebelo and Tiago Pimentel,
Museum of Art and Archaeology of Vale do Côa Valley (Portugal), 2004-2009



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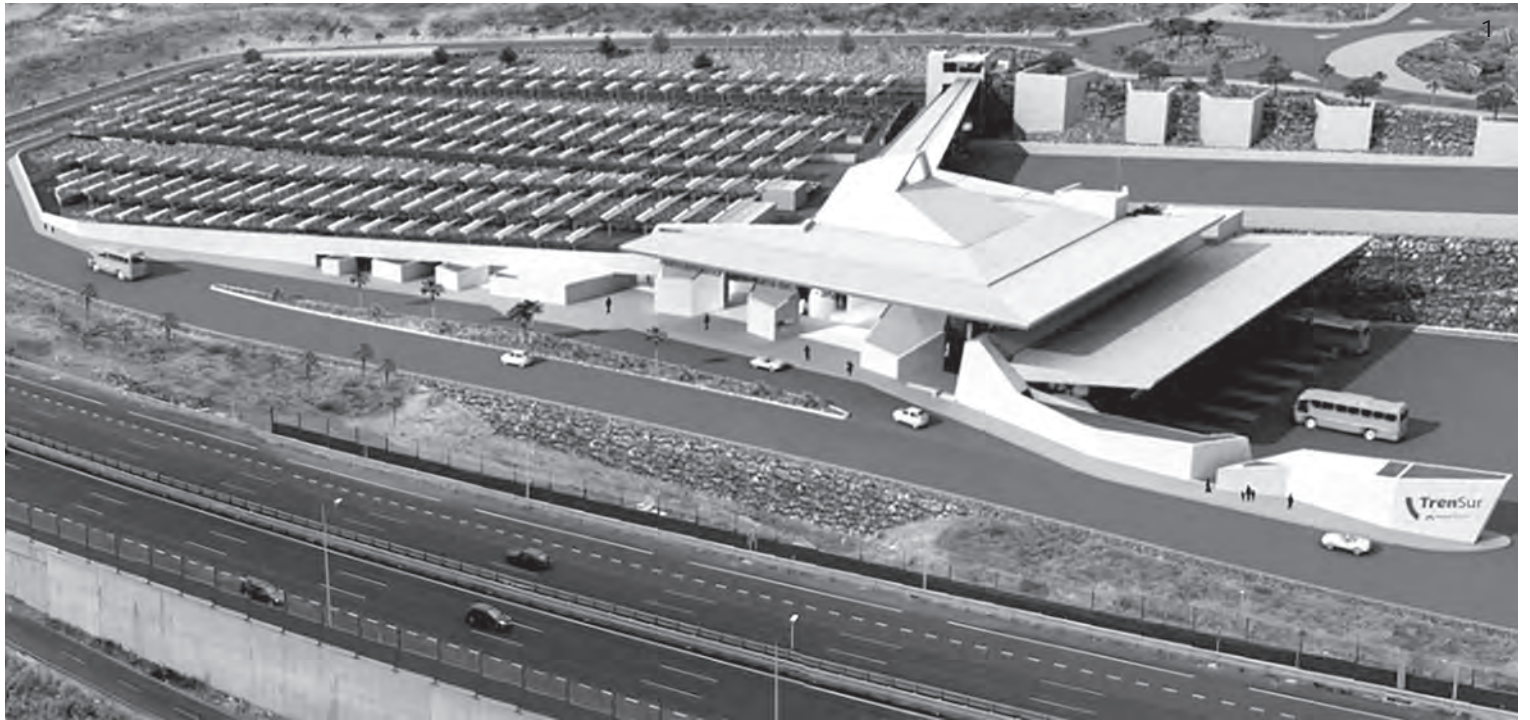
JUAN MANUEL PALERM SALAZAR



Architect based in Santa Cruz of Tenerife, Juan Palerm Salazar is Professor of Architectural, Urban and Landscape Design at the School of Architecture of Las Palmas de Gran Canaria. He was Director of the Second and the Third Biennial of Architecture, Art and Landscape of Canary Islands and he is Director of the Landscape Observatory in the Canary. He participated in the European programmes Erasmus and Tempus Phare and he is currently lectures at the Laboratory of Landscape Architecture at the Institute of Architecture of the University of Venice. He has been also a guest lecturer at Spanish and International Universities sharing many sienrgies and collaborations with Institutions and Professionals about issue of landscape. In 1986 he founded the studio Palerm – Tabares de Nava Arquitectos in partnership with Leopoldo Tabares de Nava y Marín. Since 1986 they have developed architecture, city planning and landscape projects in the Canary lands and in the United States, Italy and Spain.



- 1 - Palerm & Tabares de Nava, Sur Station, Añaza, Tenerife (Spain), not realized
2 - Palerm & Tabares de Nava, Restoration of García Sanabria Park, Santa Cruz de Tenerife (Spain), 2006



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BIENNALE SESSION VENEZIA

Discussion about design preliminary steps and strategies
with OC directors and supervisors
and with

Chiara Bertoli,
Politecnico di Milano

Martino Mocchi
Politecnico di Milano

There are many thematic analogies among the OPEN CITY, main topic of Politecnico di Milano Summer School, and the FREESPACE, title of the 16th International Architecture Exhibition decided by the curators, Yvonne Farrell and Shelley McNamara:

"We believe that the practice of architecture is about contributing, engaging and refreshing the continuity of architectural culture. We need to tend to culture, like tending to a garden. In architecture time is not linear. Architecture brings past, present and future together. This is represented as a special focus within the overall Exhibition where the past is reinvigorated from the viewpoint of contemporary architects. A key component in attending to the continuity of tradition in architecture is the practice of teaching. Many of the invited practitioners are actively engaged in teaching. The world of making and building merges with the imaginative world is highlighted within the Exhibition. We have discovered invention and creativity at the micro and macro scales: historic buildings liberated by the intelligence of the architects; forgotten buildings re-visited and brought to life; transformative typologies of habitation; infrastructural needs translated into public and civic facilities".

The words by Farrell and McNamara (as Grafton Architects they're in the Honour Committee of OC Summer School), presenting the Biennale, are inspiring for the research students, professors and tutors develop within the OC workshop. For these reasons, to be in Venezia for one day, in the core of architectural contemporary culture and discussion, sounds as a fantastic occasion to test visions and ideas with international references. And the participation in the Biennale Sessions, which is joined by dozens of Schools worldwide, becomes an opportunity for our Summer School to intensify relationships, partnerships and contacts. The OC Biennale Sessions was organized in 2 moments: the discussions about workshop topics and ideas by the 3 design groups and the visit to Arsenale exhibition and to national pavillions in the venue of Giardini.

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DESIGN TEAM 1



DESIGN TEAM 2



DESIGN TEAM 3



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PATRICIA VIEL



Architect based in Milano, in 1986 she began working with Antonio Citterio Patricia Viel and Partners, a multi-disciplinary design practice working in the fields of Architectural, Interior and Urban Design. She is periodically called to participate in conferences, invited to give lectures, also within didactical activities. Since 1999, as a founding partner, she has been in charge of architecture, while taking an active part in the management of the studio. Since 2005 she has been a member of the Board of Directors of IN/ARCH, for the section of the Province of Milan. The studio operates at international levels developing complex long-term projects at all scales. Among the several typologies of projects realized are: urban plans, residential and commercial complexes, industrial establishments, conservative regeneration of public buildings and planning of spaces for work, offices, showrooms and hotels. The firm is also active in the sector of corporate communication and implements projects for temporary events and exhibitions.

JOÃO GOMES DA SILVA



Director and Partner of Global, Arquitectura Paisagista founded in 1997 in Lisbon with Inês Norton. He was lectured as an assistant from 1987 till 1994 in the Universidade de Évora, and since 2001 he is an Invited Professor at the Universidade Autónoma de Lisboa. Since 2010 is Professor at Accademia di Architettura di Mendrisio, and in 2015 was invited as a Visiting Professor in Landscape Architecture at Harvard Graduate School of Design. In 2004, he was awarded with the Valmor and Municipal Prize of Architecture by Lisbon's City Hall, for the Expo'98 project, in co-authorship with Manuel Salgado. With the Salinas Landscape Project in Madeira, in co-authorship with Paulo David, he was awarded in 2007 with the FAD Award, and in 2008, the Audience Award in the V Landscape Biennial, in Barcelona. In 2010, with the Cycling Track-Belém_Cais do Sodré segment, in co-authorship with Atelier P06, was distinguished with the following awards: Red Dot-design Award; SEGD-Merit Award; D&AD-in Book e European Design Awards-Silver Award. In 2010 with the Project for the São Jorge Castle, in co-authorship with João Luís Carrilho da Graça, was awarded with the Piranesi Award.

1 Antonio Citterio and Patricia Viel, Symbiosis, Milan (Italy), 2018



2 - 3 Global Landscape Architecture, Praia Formosa Promenade, Madeira (Portugal), 2006



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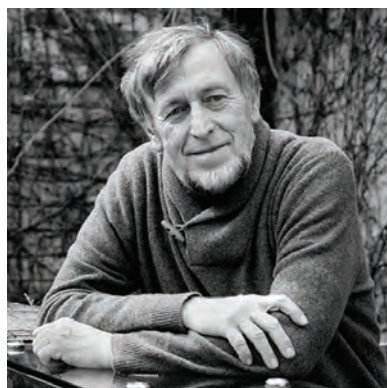
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MICHELE ARNABOLDI



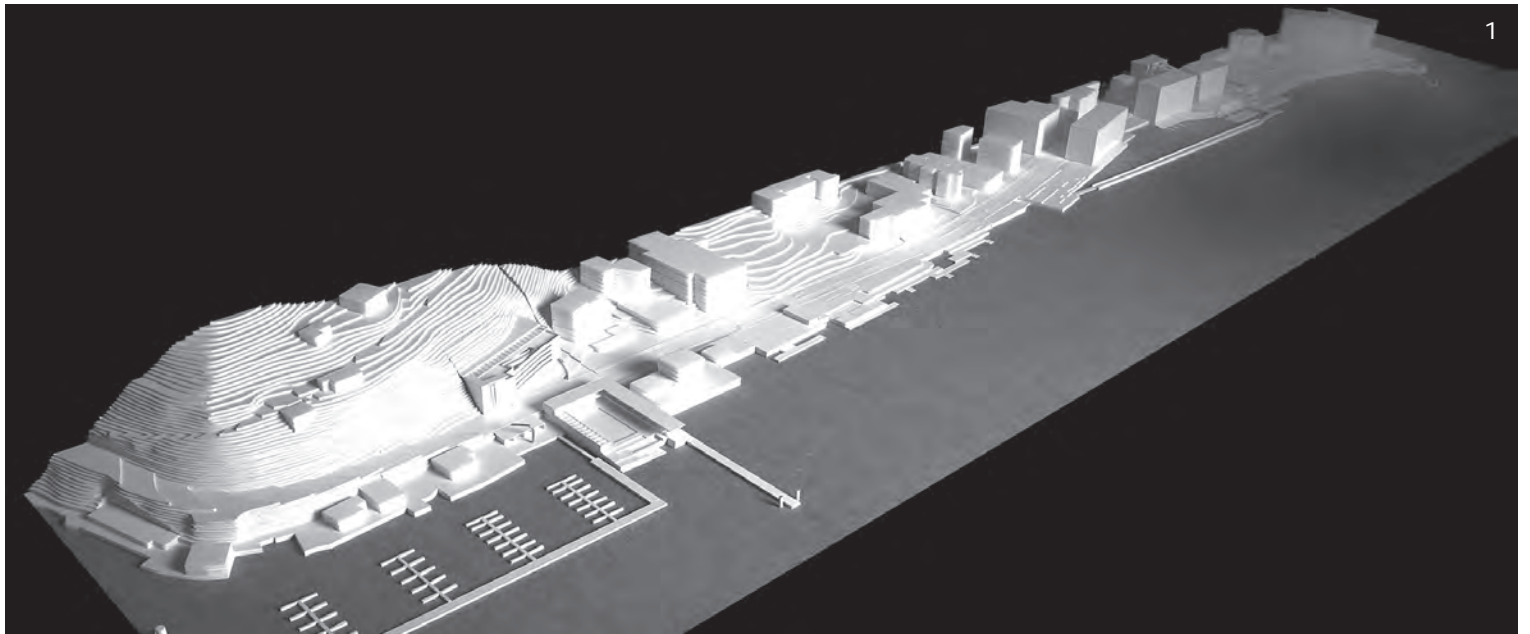
Architect based in Locarno. Between 1982 and 1985 he is Tutor in the course of the Professor Dolf Schnebli at ETH in Zürich. In 1985 he founded his office in Locarno (Switzerland), he realized many private and public projects and won a lot of national and international competitions: Expo 2000 in Hannover, Banca Raffaisen (Intragna) and the Cultural Center Palace in Lugano. His work has been shown in numerous collective exhibitions: Ticino Hoy, Madrid; Junge Schweizer Architekten, Nänikon; The 1995 Chicago International Biennale; Young Swiss Architecture. In 1986 he has been Visiting Professor at the Washington University of St. Louis (USA) and Professor in design seminars in various European university like Hamburger Stadtentwicklungsforum, Europäische Sommerakademie in Weimar, International architectural seminar at Monte Carasso and International architecture seminar of Bergamo. Starting from 2002 he is Full Professor of architectural design at Accademia di Architettura di Mendrisio.

VLADIMIR SITTA



Vladimir Sitta is a Czech landscape architect based in Australia. After working in Czechoslovakia and West Germany, he established Terragram in 1986, a landscape architecture firm focusing on the visual and environmental aspects of the urban environment. While a considerable number of his projects are in the realm of the urban landscape/gardens, much attention is also paid to civic design, environmental art, technological innovation and design experimentation. In 1998, he cofounded Room 4.1.3, with Richard Weller. Their firm seeks an interdisciplinary approach, combining the academic and professional creating innovative, even iconoclastic, landscape designs, often introducing extensive planting into urban projects. Their landscaping schemes have won many design competitions and prizes. Built projects include the Garden of Australian Dreams at the National Museum of Australia in Canberra. Sitta won the state of Berlin's Peter Joseph Lenné Prize in 1981 and 1986, and won the President's Award of the Australian Institute of Landscape Architects in 2002.

1 Michele Arnaboldi Architetti, Redevelopment of Lake Paradiso shore, Lugano (Switzerland), 2016



2 Terragram, Walla Mulla Park, Woolloomooloo, Sydney (Australia), 2011



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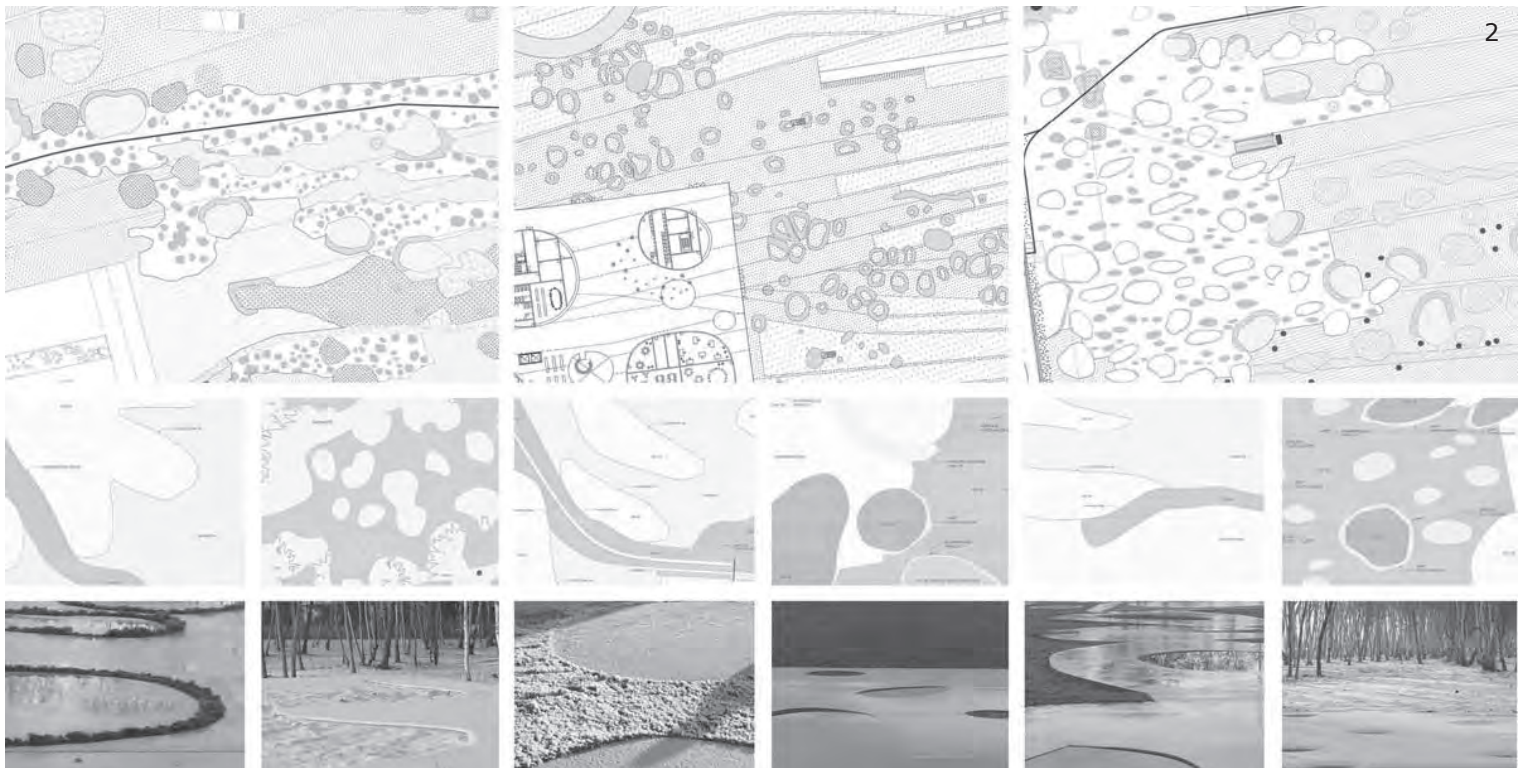
CATHERINE MOSBACH



Landscape architect and theorist, based in Paris, she represents Mosbach Paysagistes that is endowed with several experiences involving projects at a large scale, from sensitive sites to sites of strong patrimonial value. Her activity has often been recognized and included in numerous publications. She gives conferences and lectures about urban green. Her works received several awards: the Espace Public du Moniteur, le Trophée du Paysage du Ministère de l'environnement and Rosa Barba ex æquo. Her competence was developed at different scales of intervention in landscape and programmatic stakes and especially about large and magnetic sites. Among her key projects: the Saint Denis Canal Promenade in Paris, the Archaeological Park of Solutre-Saone-et-Loire, the Botanical Garden of Bordeaux, the other side - Quebec City, the Place de la Republic in Paris and the Jade Ecopark in Taichung. The Museum Park Louvre in Lens in 2013 has received the Equerre d'Argent Award on Paris, as well as the Gateway Park has been honored on 2014 by the Iconic Concept Award in Munich.



1-2 Mosbach Paysagiste, Sanaa Architectes, Louvre Lens Museum Park, Lens, (France), 2014



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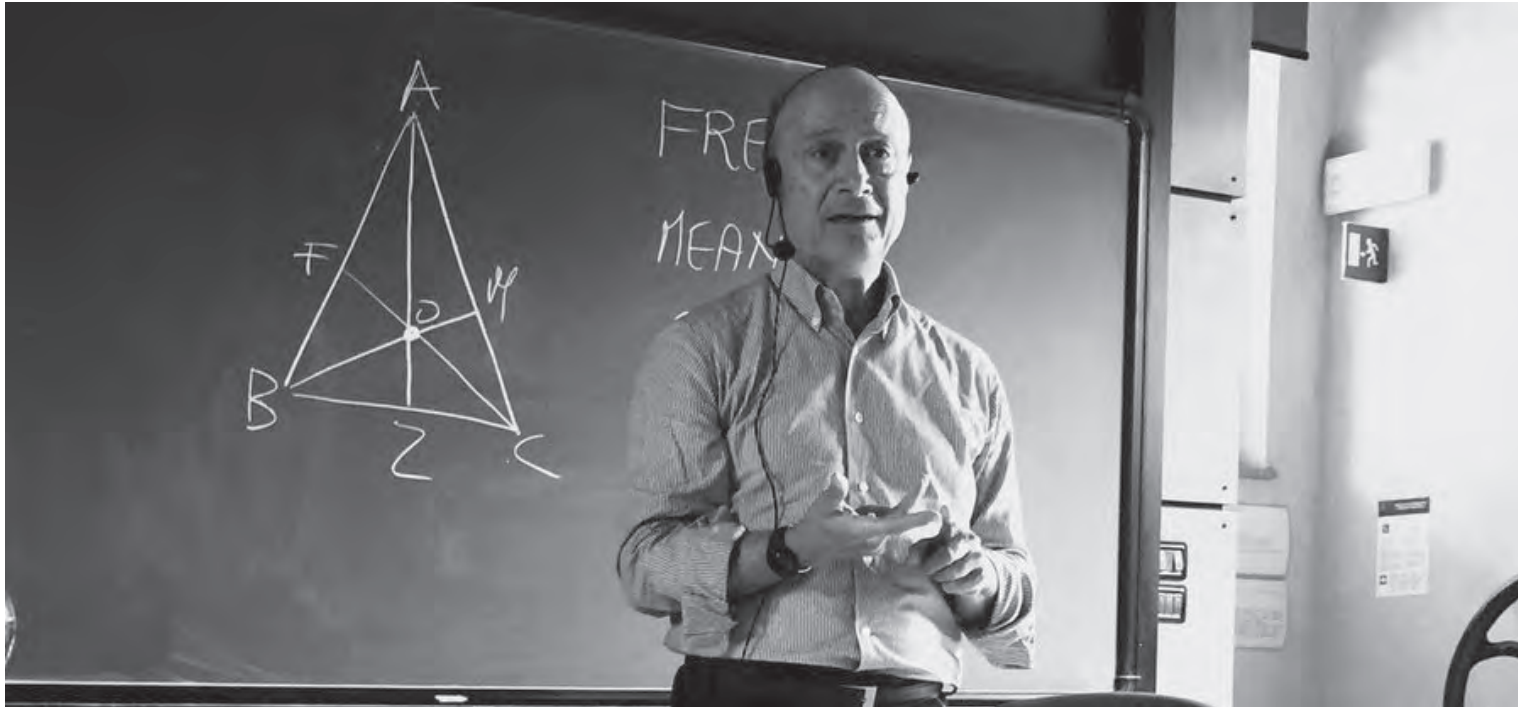


Geographer, Full Professor in Geography at the University of Bologna, he is president of the Association of Italian Geographers. He also taught geography at the Université de Genève, University of California (UCLA), University of California (UCB) and Sorbona, Paris. In the late seventies, he studied at the Institute of Geography of Bologna, in Germany at the Geographisches Institut der Ruprecht-Karl-Universität in Heidelberg (RFT), in India at Banaras University and in Wien at the Institut für Geographie der Universität. He published many books inventing a particular point of view on the topic of Geography: "Il villaggio indiano. Scienza, ideologia e geografia delle sedi" (1981); "I lineamenti geografici della conurbazione lineare emiliano-romagnola" (1984); "Pour une théorie générale de la géographie" (1988); "Il mondo arabo e islamico", with P. Dagradi (1992); "I segni del mondo. Immagine cartografica e discorso geografico in età moderna" (1992); "Geografia. Un'introduzione ai modelli del mondo" (2003), "L'invenzione della Terra" (2007); "La crisi della ragione cartografica. Introduzione alla geografia della globalità" (2009).

GIANFRANCO NERI



Architect and Full Professor, he was director of dArTe Department of the Università Mediterranea di Reggio Calabria. His interests are wide and interdisciplinary: from paintings to music, from contemporary art to landscape regeneration. His activity is oriented towards experimentation applied to problems of architectural and urban design, with strong attention to the issues arising from the communication and image system. This specific and complex approach was the focus of ViArtis, a recent research with a rich and dense program about Mediterranean coasts and territory that has been held among universities and artists. Editor of "A2A Architettura", Gianfranco Neri was Coordinator of the National Scientific Research PRIN / MIUR 2008 "Regeneration of urban framework and marginal urban fabric". Among his books: "Personal Planning Diary 2011" and "Forms of Energy". His paintings and drawings are black and white evocative images of extraordinary landscapes.



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CONFERENCE

Andrea Rossi
(Mario Cucinella Architects)

8th September
MID-TERM CRITIC

10th September
8.30 PM

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Guillermo Vázquez Consuegra
Günther Vogt

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CONFERENCE
Manuel Gausa
Jordi Garcés

12th September
8.30 PM

CONFERENCE
Michael Jakob
Mosè Ricci

14th September
FINAL CRITIC

8.30 PM
CLOSING CEREMONY

ANDREA ROSSI (MARIO CUCINELLA ARCHITECTS)



Mario Cucinella is amongst the most important architects practicing in Europe with multiple award-winning international design projects. Not only is Cucinella's work lauded for design excellence but he is an undisputed global leader in sustainable practices ranging from individual residences to urban master plans. The impact and significance of his work – both environmental and social – as an architect, educator and in service have been recognized world-wide with Honorary Fellowship by the American Institute of Architects (2017) and by the Royal Institute of British Architects (RIBA) who bestowed upon him their prestigious International Fellowship (2016). In 2018 he was curator of the Italian Pavilion "Arcipelago Italia" at the 16th International Architecture Exhibition of the Venice Biennale. Andrea Rossi is in the management of Mario Cucinella Architects as project director. Trained internationally between Turin, Stockholm and London, in 2015 he graduated from the Architectural Association School of Architecture with a MArch degree in Sustainable Environmental Design. In 2017 he joined MC A as R&D Director.



1-2-3 Images from Arcipelago Italia, the exhibition edited by Mario Cucinella for Padiglione Italia at 16
Mostra Internazionale di Architettura Venezia, 2018 ©Urban Reports



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MID-TERM CRITIC

PANEL

International Jury

Eleonora Bersani

Politecnico di Milano

Marco Bovati

Politecnico di Milano

Emilia Corradi

Politecnico di Milano

Stefano Guidarini

Politecnico di Milano

Carlo Alberto Maggiore

Politecnico di Milano

Mario Mocchi

Politecnico di Milano

Gianfranco Neri

Università Mediterranea di Reggio Calabria

Gaia Piccarolo

Politecnico di Milano

Matteo Poli

Politecnico di Milano

Francesco Rispoli

Università degli Studi di Napoli Federico II

Andrea Sciascia

Università degli Studi di Palermo

Marina Tornatora

Università Mediterranea di Reggio Calabria

Pierantonio Val

IUAV, Venezia

Stefan Vieths

Politecnico di Milano



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GUILLERMO VÁZQUEZ CONSUEGRA



Professor of Projects at Escola Tècnica Superior de Arquitectura de Seville-ETSAS until 1987, currently Honorary Professor and Head of the Catedra Blanca international architecture practice. He was Visiting Professor at the universities of Buenos Aires, Lausanne, Navarra, Syracuse N.Y., Bologna, Venice and Mendrisio, and Visiting Scholar at the Getty Center in Los Angeles. He has taken part in many exhibitions. Among his most important constructed works are public housing projects in Seville, Rota and Madrid, museums in Valencia, Geneva and Cartagena, Pavillion of Navigation for the Expo '92 Seville, redevelopment of the Vigo Waterfront, restoration of the Palace of San Telmo for the Presidential Seat of the Government of Andalusia, Congress Center of Seville, CaixaForum Sevilla Cultural Center and Palace of Ministry of Foreign Affairs of Luxemburg. He has received many awards and he is an Honorary Member of the American Institute of Architects, AIA 2014 and he has been recently awarded with the Spanish Architecture Gold Medal 2016.

GÜNTHER VOGT



After learning gardening at the Gartenbauschule Oeschbert in Switzerland, Günther Vogt studied landscape architecture at the Interkantonaales Technikum Rapperswil. Since 2000 he leads the Vogt Landschaftsarchitekten, a landscape architecture studio with offices in Zurich, Berlin and London. He is Professor for landscape architecture at the ETH Zurich since 2005 and is the Director of the NSL Network City and Landscape at the same university. He has worked with renowned people of design and architecture like Olafur Eliasson and Herzog & de Meuron and won many awards. Among his publications: "Distance and Engagement. Walking, Thinking and Making Landscape" (2010), "After Miniature and Panorama: Vogt Landscape Architects - Projects 2000-2006" (2011). His recent projects are: Masterplan Landscape and detailed design for single projects for the Carlsberg urban district in Copenhagen, "All-Weather Garden" of the Tate Gallery of Modern Art in London, Novartis Campus Park in Basel and Allianz Arena landscape project in Munich.

- 1 Vázquez Consuegra, Cultural Centre of Atarazanas, Seville (Spain), 2018
2 Vázquez Consuegra, Historian gallery in Tempelhof Airport, Berlin (Germany), 2018 - international competition



- 3 Vogt + Wilmotte Associés, Headquarters of ArcelorMittal, Luxembourg, 2017, winner of the competition



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MANUEL GAUSA



Architect and Professor in the Università degli Studi di Genova. He was founder of the studio Actar Architecture and of the homonymous publishing house (1994) and member of the editorial team of the magazine "Quaderns d'Arquitectura de Barcelona". From 1993 to 1995 he is part of the teaching of the Master "Much Escala" at the ETSAB-UPC, where he taught. He is Director of cultural activities at the ESARQ-UIC (Barcelona School of Architecture). In 1997 he founded Axe, specialized in sustainable design, the following year he was Co-Director of Metapolis, becoming its President in 1999. From 2000 to 2005 he was Director of the postgraduate course "Advanced Architecture and Digital Cities" at the Fundació Politècnica de Catalunya and in 2003 he was President of the Scientific Committee of IAAC (Institut de Arquitectura Avanzada de Catalunya). He also published many essays and works and exposed in the most important cultural events. His projects are published in numerous national and international magazines. In 2000 he was awarded with the Medaille de l'Académie d'Architecture de France.

JORDI GARCÉS



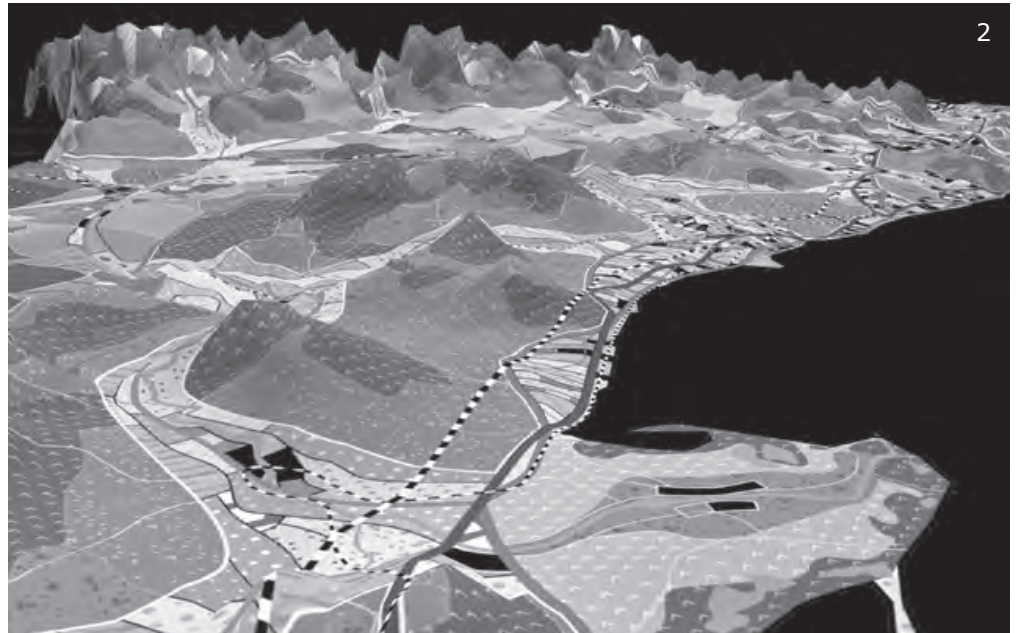
Architect based in Barcelona, since 1975 he is Professor of Project in the ETSAB-Escola Tècnica Superior de Arquitectura de Barcelona and he is Invited Professor and External Expert at the Ecole Polytechnique Fédérale de Lausanne, Switzerland. His professional career started, during his studies, in the offices of Martorell - Bohigas, Mackay and in the workshop of Ricardo Bofill. From 2011 he is part of the Jordi Garcés - Daria de Seta - Anna Bonet Architects Association. He is also author of many renowned works, mainly about museums' renovation and new buildings. Garcés's name is now linked with Museo Picasso in Barcelona, Museo de Arte de Navarra in Pamplona, Museo de la Ciencia y el Cosmos in Tenerife and Fundación Francisco Godia new house in Barcelona. Jordi Garcés was one of the main figure in 1992 Barcelona Olympic adventure, with the Pabellón Olímpico del Valle de Hebrón, that was recognized as one of the main architecture of that period. He is working also outside Spain and he was winner in 2016 of a competition for the renovation of Palace of Justice in Strasbourg.

1 Manuel Gausa, *Open*, Actar, 2010

2 Gausa+Raveau actararquitectura, *Catalunya Land-grid*, from the essay:
"Land Links hiperterritorios multicidades geourbanidades", 1995-2010



1



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3 Garcés De Seta Bonet, *Private Painter Studio*, Vallvidrera, Barcelona (Spain), 2013



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CLOSING CEREMONY

MICHAEL JAKOB



Michael Jakob teaches History and Theory of Landscape at Hepia (Haute école du paysage, d'Ingénierie et d'architecture de Genève), and Aesthetics of design at HEAD, Geneva. He is Visiting Professor at Politecnico di Milano and at Accademia di Architettura, Mendrisio. He is also Professor of Comparative Literature at Grenoble University. Jakob's teaching and research focus on landscape theory, aesthetics, the history of vertigo, contemporary theories of perception and poetics of architecture. He is the founder and head of COMPAR(A)ISON, an International Journal of Comparative Literature and the chief editor of "di monte in monte", a series of books on mountain culture. He produced several documentary films for TV ("Chiappetti o il paradiso perduto" (2014), "Capri: a lezione di paesaggio" (2016)) and has a longstanding experience as a radio journalist. He has published recently: "Le paysage" (2008), "Le jardin et les arts" (2009), "100 Paysages" (2011), "The swiss touch in landscape architecture" (2013), "Dall'alto della città" (2017).

MOSÈ RICCI



Mosè Ricci is Full Professor of Landscape Architecture at the University of Trento. In 2003 he received the title of Benemerito della Cultura e dell'Arte Italiana and the silver medal by the President of the Italian Republic. He graduated in architecture in 1982 at La Sapienza University of Rome. In 1996-1997 he was Fulbright Recipient and Visiting Scholar at GSD (Harvard University, USA) Visiting Professor of Sustainable Urbanism at Universidad Moderna de Lisboa (2006-2007) and at Technische Universität of Munich (2008-2009). He was member of the Scientific Committee and curator of the Urbanism and Landscape section of the international exhibition Recycle, Strategies for Architecture, Cities and Planet (MAXXI, 2010-12). In 2012 he has been ranked in the top 100 World Educators by the Cambridge Institute. He has a record of publications, lectures and participation at conferences, at an international level. His research focuses on the interactions of architecture, urbanism and landscape design in an ecological framework.

1 Michael Jakob, Il paesaggio, Il Mulino, 2009

2 Michael Jakob, What is landscape?, 2018

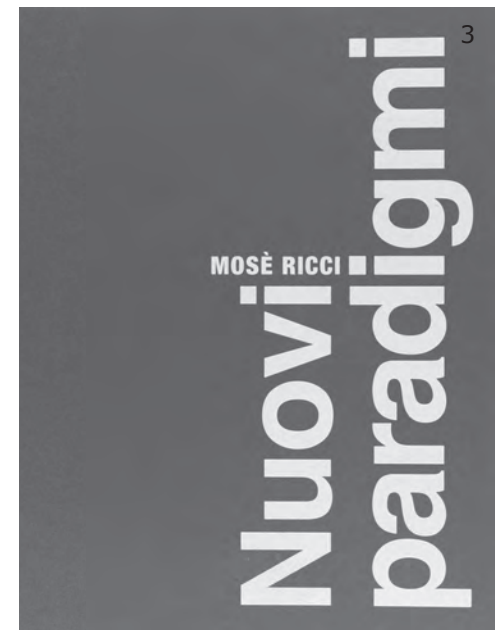
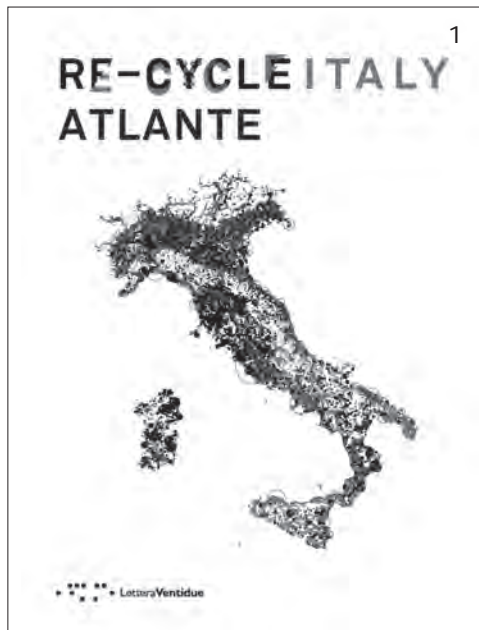
3 Michael Jakob, Paesaggio e tempo, Meltemi Babele, 2009



1 Atlas of Recycle Research, 2017

2 Pino Scaglione, Mosè Ricci, Nuove strade, nuovi paesaggi, ListLab, 2015

3 Mosè Ricci, Nuovi Paradigmi, ListLab, 2013



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PANEL

International Jury

Marcella Aprile

Università degli Studi di Palermo

Andreu Arriola

Politecnico di Milano

Giuseppe Baracchi

Ordine degli Architetti di Piacenza, President

Dario Costi

Università degli Studi di Parma

Adalberto Del Bo

Politecnico di Milano

Hervé Dubois

Politecnico di Milano

Carlotta Fontana

Politecnico di Milano

Julia Georgi

Politecnico di Milano and Neapolis University of Pafos (Cyprus), Department of ALES, Head

Antonio Longo

Politecnico di Milano

Javier López

ETSA, Sevilla

Henrique Pessoa Pereira

Politecnico di Milano

Raffaele Marone

Università degli Studi della Campania Luigi Vanvitelli

Christian Marinotti

Politecnico di Milano

Marcello Panzarella

Università degli Studi di Palermo

Gaia Redaelli

Politecnico di Milano

Mosè Ricci

Università di Trento

Alessandro Rocca

Politecnico di Milano

Quim Rosell

IED, Barcelona

Ilaria Valente

Politecnico di Milano, School of AUIC, Dean

Lluís Vives

Politecnico di Milano



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FINAL EXHIBITION

**Final exhibition using innovative videoart
for the final evening of the
OC Summer City 2018 Summer School, Landscape 4.0**

During OC2018 final event, OC coordination tested a video-installation in the central open field of Campus Arata. It was not just intended as a way to give visual and aesthetic quality to the ceremony itself but instead as an innovative application of contemporary tools to be applied to architectural transformation.

The close coexistence between physical space, public dimension, and visual art - that we can find especially in a temporary art-events - can be considered the main aspect of contemporary public art. Around these three elements the final installation was designed. It used the 3D video mapping technique with localized diffusion of lights, in line with the new forms of video art based on the principle of multiple projected surfaces. This technique has the potential to overcome the simple video projection, for which common surfaces such as screens or drapes are replaced by non-conventional structures at multiple levels and, in this case, a wall composed of white cubes with staggered sectors.

The effects are calibrated and addressed on the temporary surface both in its entirety and with respect to the single full and hollow cubic modules. The temporary structure comes to life, playing with its original forms or creating new ones, with images and effects. The projection envisaged a decomposition of the faces of the cubes, so as to highlight its parts through grids and new elementary geometric figures.

The virtual windows on the modules showed the scenarios of the Landscape 4.0. Hollow portions of the cubes have been framed by electronically controlled LED bars, to mark the depth of the shape and emphasize the full surfaces. Starting from the modular grid of the wall some of its units or associations have been highlighted through images, orthophotos, interpretive maps, Piacenza aerial photos.

The main aspects of 3D video mapping considered for the project are:

- The image-object-volumetric relationship: the dramaturgy is focused on the "mapped" image on the object. The augmented object is transformed into an image-object hybrid. The visual narration is guided by this object-image articulation, and not only by the image;
- Concept of figurative mapping: it is a skin made of images and light that cover the volumetric object. A dynamic and flexible skin that adapts to the object on which it is projected or displayed.
- Necessary technology: video mapping builds a unitary perceptive device composed of light, image, sound, software, hardware, space and time, architecture, actors and spectators, and all these elements together create an experiential and relational whole. The mapping must coexist with the dramaturgical text, with the actions of the actor, with the choreography and the sounds taking part in the overall narrative of the scenic work and contributing to the tension and development of the performance through visual evolutions.

M.M.