

TIME



**VENICE 2021
ARCHITECTURE
BIENNIAL**

SPACE

EXISTENCE

TIME SPACE

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VENICE 2021 ARCHITECTURE BIENNIAL

PALAZZO MORA
PALAZZO BEMBO
GIARDINI MARINARESSA
FROM MAY 22 TO
NOVEMBER 21



EXHIBITION PROJECT BY
EUROPEAN CULTURAL CENTRE ITALY



NATIONAL PAVILION
OF PAKISTAN

THE YOUNG TALENT
ARCHITECTURE AWARD

When we started this project, ten years ago, our goal was to establish in Venice a place for reflection, dialogue and research, to enhance cultural and intellectual exchange and mutual understanding.

With an extraordinary presence of organizations dedicated to art and culture, and a rich history as a crossroad of cultures and ideas, Venice was the ideal place for the realization of the objectives of the European Cultural Centre (ECC). In addition, the city with its lagoon is an emblematic place where to experience and become aware of global issues related to mass tourism and climate change.

Every two years, we invite an international group of architects, artists, academic institutions, and creative professionals working across disciplines to investigate the fundamental topics of Time, Space and Existence. These are the principles of our long term research and the title of our architecture biennial exhibition in Venice.

By giving space to a diverse and growing number of participants, our project hopes to continuously stimulate new ways of dialogue, that is inclusive of all voices and transcends across all boundaries.

Architects have a crucial role in designing solutions for sustainable communities and improving the quality of our life. However, global issues cannot be resolved by countries acting alone, or by professionals acting alone. Decision making must start with understanding the urban, social, natural, economic, cultural, political, environment.

In collaboration with the amazing group of participants who took part in this year's edition, we have been hard working on the realization of this project. It has been an exceptional year and together with the entire world we faced new challenges. However, through the joint efforts, persistence, hope, vision, trust and an extraordinary resiliency, we made it possible.

We would like to thank all the participants and the entire ECC team for the incredible work done with passion and care, and all the partners involved for their continuous support and enthusiasm.

– European Cultural Centre Team

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INTRODUCTION

The 5th edition of *Time Space Existence* presents the works of over two hundred participants from all continents, showcased at Palazzo Bembo, Palazzo Mora, and Giardini della Marinaressa. The exhibits range from conceptual works, models, videos, drawings, sculptures, photographs to site specific installations.

Participants question our relationship with space and time, re-envisioning new ways of living and rethinking architecture through a larger lens. They ask themselves what they can do to improve the quality of our life sustainably, with climate change, migration, water, and rapid urbanization, being the major challenges.

The exhibition features projects that focus on water urbanism, green and resilient cities, development of new materials, construction systems and methods.

Other presentations draw attention to the role of architecture in raising people's awareness of others' living conditions and access to resources, by focusing on solutions for displaced communities, discriminated groups and minorities.

Moreover, the Covid-19 crisis highlights the urgent need of a holistic approach for rethinking and redesigning our relationship with our surroundings, with each other and with all living organisms.

Practitioners are forced to reconsider public and private space and develop new products for our wellbeing. Experimental proposals suggest new ways of living and invite us to reflect upon our existence that is re-defined by a contemporary perception of time and interaction in both virtual and physical spaces.

We still do not know what will be the aftermath of all this. Although the present sets unprecedented challenges, architects, artists and designers are proposing alternatives which infuse optimism and motivate the future generations.

By bringing together stories and voices from all corners of the world, and by making them accessible to the wider public, we hope that our biennial exhibition can be a place for reflections and a source of inspiration for change.

PARTICIPANTS

PALAZZO MORA

16	Amalgam Studio	76	Christine Corday	128	Harvard University Graduate School of Design REAL - Responsive Environments & Artifacts Lab	188	Milt Friedly	244	Ruta Krau
18	Aalto University, Finland & Architecture Intelligence Research Lab, Singapore	78	Coburg University of Applied Sciences and Arts	130	Helene Høyer Mikkelsen	190	Mirjana Lozanovska	246	Ryohei Tanaka - G ARCHITECTS STUDIO
20	A. Collective	80	Columbia University & The Berlage	132	Henriquez Partners Architects	192	Mirko Zrinščak	248	Saphira & Ventura Art Design Architecture
22	Adriana Torres Topaga	82	Cristina Parreño Alonso	136	Herbert W.H. Hundrich	194	MIT School of Architecture and Planning The Leventhal Center for Advanced Urbanism	252	SCAAA
24	Alpex Architecture	84	CRU! Architects	138	Hidemi Nishida	196	Monika Casutt	254	SCULP[IT] architects & Jansen Steel Systems
26	Anahuac University Mexico City	86	Dag Jenssen	140	Hofrichter-Ritter Architekten & ÖWG Wohnbau	198	Myefski Architects	256	Sim Ateliers
28	Andrew Michler	88	Damaris Betancourt	142	INVIVIA	202	NANO Architecture Interiors	258	Sofia Verzbolovskis
30	Andrey Bokov	90	Daniel Winterich	144	ISTUDIO Architects & Virginia Tech WAAC	206	Nic Lehoux	260	Stephen Spartana
32	Anne Fløche	92	David Andréen & Ana Goidea	148	Jim Nickel	208	NOTAN OFFICE	262	Studio SKLIM
34	Anthony Heywood	96	David Booth	150	Jocelyn Froimovich & Johanna Muszbek	210	NOTE - Architecture Gallery	264	Swinburne University of Technology
36	APT Architecture with M. Plottel	98	David Yepez Studio	152	John Marx, AIA	212	NYICAS - New York International Contemporary Art Society	266	Technical University Darmstadt
38	Architectural Democracy	100	Delft University of Technology	154	Julian Abrams	216	OGIA - Gi Son	270	Tecnológico de Monterrey México
40	Ard Bodewes	102	Doug Edmunds	156	Katherine Jackson	218	Patricia McKenna	272	Testa Associates
42	Associazione Architetti Artisti	106	Douglas Tausik Ryder	158	Kathryn Dean - Dean/Wolf Architects	220	Patrick Arotcharen Architecture Studio	274	The Scarcity and Creativity Studio
46	Atelier onoko	108	Earthasia Design Group (EADG)	160	Keely Macarow, Neal Haslem & Marcus Knutagård	222	Paul Eis	276	Tono Mirai Architects
48	Balkrishna Doshi	110	Eeva-Liisa Pelkonen	162	Kirstine Mengel	224	Peter C. Stitt	278	Toshihiko Suzuki SQOOL
52	Bangkok Tokyo Architecture	112	Erin Moore - FLOAT	164	Korea National University of Arts	226	Petra Kempf	280	Touloukian Touloukian Inc
54	Banz + Riecks Architekten	114	ETH Zurich - Block Research Group (BRG) Department of Environment, Forestry and Fisheries - Republic of South Africa	166	LASALLE College of the Arts	228	Pontificia Universidad Javeriana de Bogotá & Politecnico di Torino	282	Universidad Católica de Santiago de Guayaquil
56	BAUM		Noncrete PTY	168	Lesley Richmond	230	Pontificia Universidad Católica del Perú & University College London	284	University at Buffalo (SUNY)
58	Bethany Springer	118	Fei Che & Weihan Li	170	LOD - Laliveing and Opr Design	232	PorterFanna Architecture	290	University of Arkansas Fay Jones School of Architecture + Design
60	Bill Price	120	Felipe Gonzalez Arzac	172	London South Bank University	234	Project-Realization Architectural studio	296	University of Guelph
62	BOIR	122	frontoffice tokyo	174	Mais al Azab	236	Qun Wen - aoe	298	UrbanSoup Architects and Urban Designers
64	Bryanoji Design Studio	124	Georges Kachaamy	176	Maker Mile	238	Rolf Berte	300	Urban Transformation Program Colombia
66	büro für bauform	126	Greenskins Lab - University of British Columbia - School of Architecture and Landscape Architecture	178	Masaki Komatsu	240	ROOI Design and Research	302	VCUarts Qatar MFA in Design
68	Caples Jefferson Architects			180	Maxwell MacKenzie	242	Royal Institute of British Architects	304	Victor Elias
70	Caspar Lam & YuJune - Park Synoptic Office			182	Mian Wei			306	Walter Hunziker
72	Cellule Studio			184	Michihiro Matsuo			308	Wearable X
74	CHIASMA FACTORY Inc. - Shingo Tsuji			186	Miguel Franco Botticelli			310	Whipsaw

PALAZZO BEMBO

314	Abu Dhabi University Nadia Mounajjed, Apostolos Kyriazis	368	Huazhong University of Science and Technology
316	Adpprentice + LEAP	370	IIA Atelier
318	Akiko Sato	374	iVY Design Associates
320	ARCHcoop architectural studio	376	James Bernardo Cinquemani
322	Ariel University - School of Architecture Universita degli Studi di Firenze - DIDA Accademia di Belle Arti di Firenze	378	JJRR/ARQUITECTURA
324	Arkitektværelset	380	Julia Rutherford Architect
326	ATP architects engineers	382	Júlio Caseiro Arquitectura
330	Baudoku Berlin - Miriam Otte + Lidia Tirri	384	Kamakura - Sekkei Kobo
332	bunq architectes	386	Keng-Fu Lo - Chain10 Architecture & Interior Design Institute
334	Christoph Hesse Architects	390	Lebanese American University
336	Counterspace	392	Louise Braverman Architect
340	Dana Arieli	394	LOVE architecture and urbanism
342	DXA studio	396	Lucila Aguilar Arquitectos
344	e+i studio	398	Magda Mostafa
346	École Nationale supérieure d'Architecture et de Paysage de Lille	400	mahl gebhard konzepte
348	Equatorial Utopia: 50 Years of Visionary Architecture in Singapore	404	Mário Martins Atelier
352	Estudio Ramos	406	Melike Altinisik Architects MAA
354	Fabio Bascetta	408	New York Institute of Technology School of Architecture and Design
356	Fortunen Arkitektur As	410	O(U)R - Office of (Un)certainty Research
358	Franz Brueck	412	Paul Chamberlain - Lab4Living
360	Gherardi architetti	414	RAIL - Think! Architecture and Design
364	GRADE New York	416	Research group of Knowledge Visualization Zurich University of the Arts
366	Happycheap Architecture	418	Ricardo Palma University - Architecture School
		422	Robin Donaldson, AIA & Bruce Heavin
		424	Roman Izquierdo Bouldstridge

GIARDINI MARINARESSA

468	Andreas Rimpel
470	Andrée Valley
472	Barbara Grygutis
474	Bjørnådal Arkitektstudio
476	Catch 5
478	Cornelia Hammans
480	David Jacobson
484	Davis McCarty
486	DeWitt Godfrey
490	Edwin Hamilton
492	ETH Zurich - Block Research Group (BRG) & Zaha Hadid Architects - Computation and Design Group (ZHACODE) with incremental3D and Holcim
496	ETH Zurich - Digital Building Technologies (DBT)
498	Helene Jacobowitz
500	Joe Osae-Addo - ArchiAfrika Pavillion
504	Karen McCoy
506	Krystal Ann Art Gallery
508	Terry Meyer
510	T SAKHI - Tessa & Tara Sakhi
512	Wantian Cui

SPECIAL PROJECTS

532	Mapping Festivities
534	The Young Talent Architecture Award
538	European Cultural Academy
540	Blurring the Lines
542	World-Architects.com

Social justice in education:

What distinguishes one child from another is not ability, but access. Access to education, access to opportunity, access to love – Lauryn Hill, singer

Founded in 1892, London South Bank University is a central London university dedicated to creating opportunity through a personalized and practical education. Architecture at LSBU supports the ambitions of all applicants to the university who show they will commit to becoming architects; we look for potential in the individual, rather than a traditional narrative of academic success in secondary education, and believe our obligation is to support the individual's access to learning. Trusting and supporting people whose wish is to create is fundamental. Teaching - and academic success - at the university are predicated around student wellness, emphasizing the value of emotional intelligence, empathy, and the student's abilities to recognize and manage their emotions and the emotions of other people, individually and in groups.

A focused professional pluralism:

I deeply believe in pluralism. I believe in the close proximity of multiple systems or agnostic systems.

– Ben Nicolson, painter

The type and presentation of architectural problems, and the sophistication of solutions to design projects must differ at every level of study, reflecting the complexity of society and social relations. Acquiring practical skills is essential, but the future architect must negotiate architectural design as a climate-literate provocateur; an enquiring researcher after new knowledge; an ethical and moral professional avoiding the monetisation of the constructed social art of architecture; a maestro of tactile materiality and responsible specification; a guardian of social sustainability and life, health, and fire safety - and a poetic originator of genuinely private, as well as accessible public spaces.

Emerging practitioners must challenge the business models for architectural practice developed after the European enlightenment, which separated architects from the communities they serve in favour of relationships with capital. We need smarter, more ethical modes of practice, including that of the architect-constructor, the architect-activist, and the poet-architect; all must co-exist side by side.

Radical environmentalism:

Even an entire society, a nation, or all simultaneously existing societies taken together, are not owners of the earth. They are simply its possessors, its beneficiaries, and have to bequeath it in an improved state to succeeding generations – Karl Marx, writer

A truly innovative understanding of the design, operation, and management of technologies in the low carbon buildings of the future has to emerge from the earlier position where sustainable design was driven by metrics. This requires a shift from measurement to feeling, focusing on the United Nations Sustainable Development Goals (and other social manifestoes) through the prism of the architect and architecture, with enhanced awareness of the links between digital design, prototyping, digital fabrication, and off site manufacture, culminating in a more critical understanding of the sociology of the city.

This also requires revisiting the creation of aesthetic unity, with a robust constructional agenda where space is achieved through structure, and beauty is present in its most abstract - and finite - terms.

Head of Architecture – Ass. Prof. Luke Murray

Head of Architecture Research – Ass. Prof. Federico Rossi

