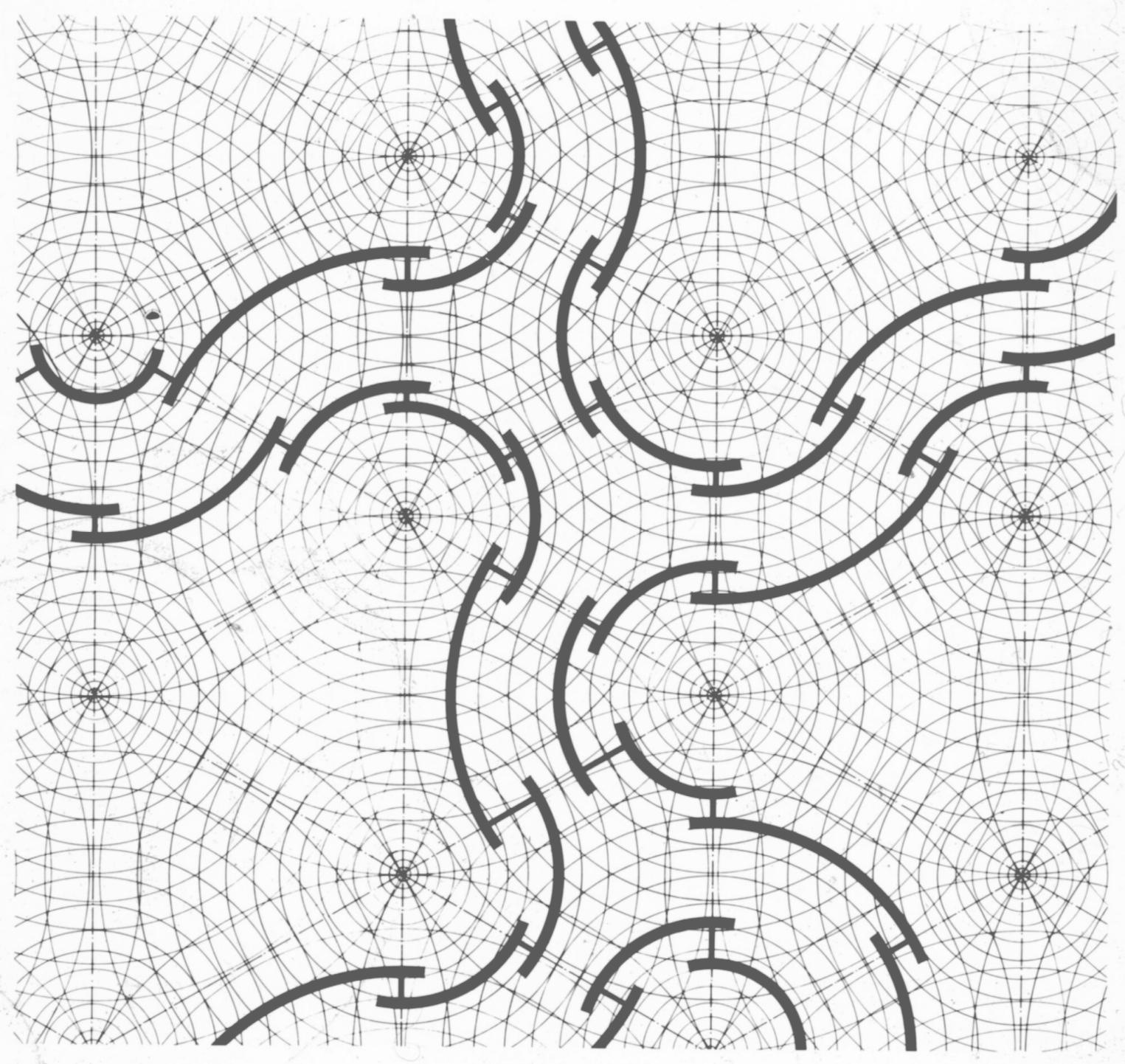


# MOVING BOUNDARIES

HUMAN SCIENCES AND THE FUTURE OF ARCHITECTURE



SUMMER COURSE – IBERIA 2022

For more information visit  
[www.mb2022.org](http://www.mb2022.org)

SANTIAGO DE COMPOSTELA  
July 21 - 27

PORTO  
July 29 - Aug 4



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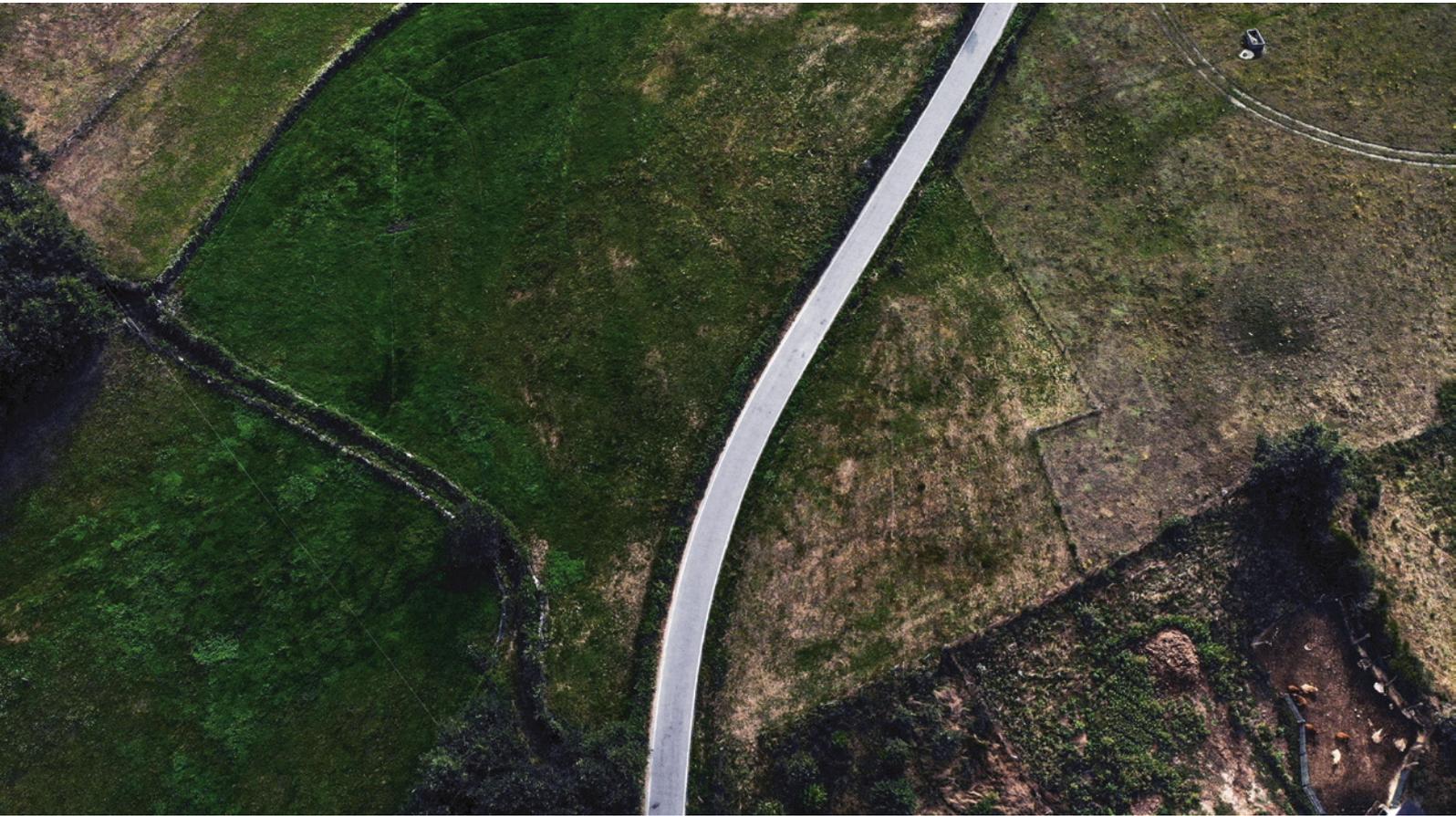
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# MOVING BOUNDARIES

HUMAN SCIENCES AND THE FUTURE OF ARCHITECTURE

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Santiago de Compostela, Spain  
Porto, Portugal



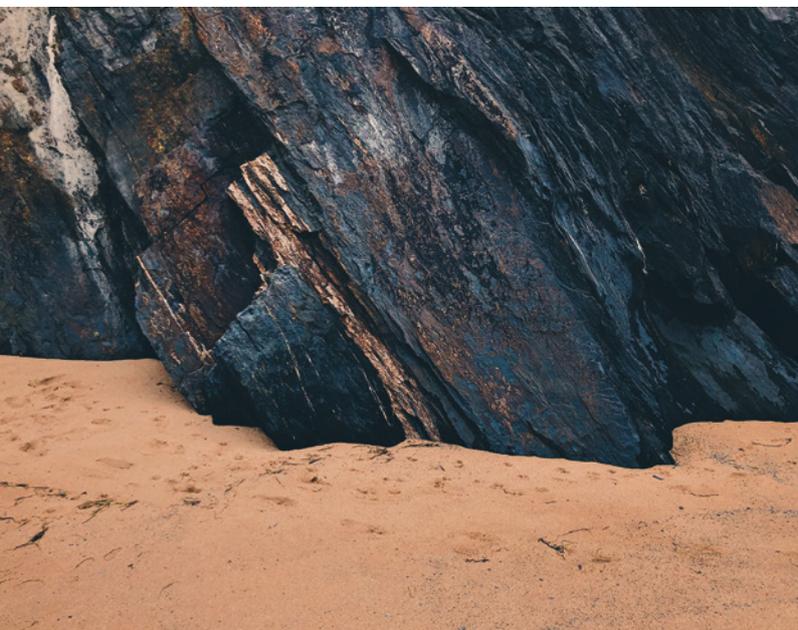
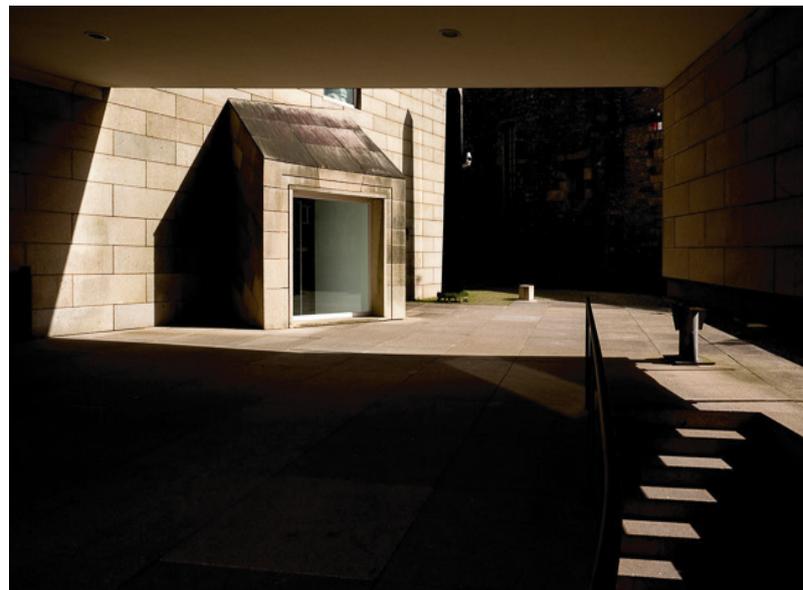
This summer program offers an intensive two-week course in the interface between disciplines concerned with design of the built environment and scientific disciplines concerned with human perception and behavior. Grounded in the landscape of Galicia and northern Portugal, the course is open to architecture and design professionals, including architects, landscape architects, urban designers, historians, environmental and health experts, interior and product designers, cognitive scientists and psychologists, neuroscientists and anthropologists, as well as educators, graduate and postdoctoral students in these disciplines.



*The elements of architecture are not visual units or gestalt; they are encounters, confrontations that interact with memory.*

Juhani Pallasmaa, *The Eyes of the Skin*

This traveling course will offer a series of masterclasses, lectures, roundtable discussions, immersive workshops, sketching lessons and field trips, in which we will explore a new perspective that has been emerging from the rapidly evolving collaboration between architecture and the “natural human sciences” that include neuroscience, cognitive science, psychology, psychophysics, and experimental phenomenology, among others. On this journey, we will move across boundaries of several kinds. Some boundaries will be of a conceptual nature, separating the worlds of objective science, subjective experience, and intersubjective culture.



Other boundaries will be geographic and ethnic: we will travel between the regions of Galicia in Spain and Minho in northern Portugal, immersing ourselves in local traditions in architecture, building craft, urban planning, language, music, and cuisine. We will pursue a number of questions foundational to the future of design, such as how the built environment is experienced by human beings in real time, how empirical methods can help to develop new tools and strategies for design, and how results of scientific research contribute to theory and practice of design. We will also explore the importance of regional culture, memory and identity in the making and experiencing of architecture.

# MISSION STATEMENT

## What is Moving Boundaries?

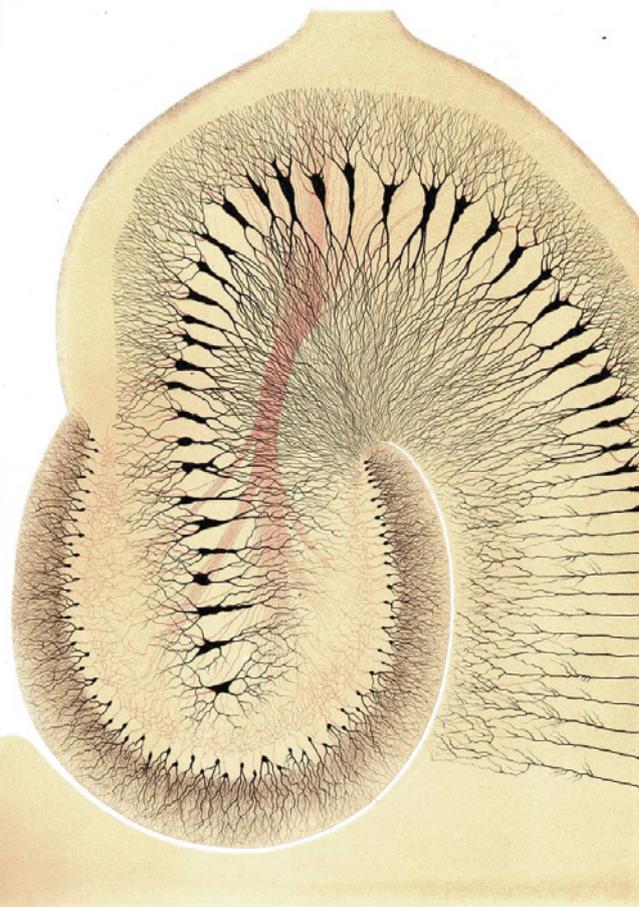
Our buildings, neighborhoods, and cities directly impact our health and well-being. This basic fact is appreciated increasingly across the full range of professions involved in design and maintenance of the built environment. At the same time, we know little of how the relationship of persons and environments works in detail: how exactly our experience and behavior, emotions and engagement in the community are shaped by the built environment.

A number of scientific disciplines have been called to help us fill this gap, including most notably the disciplines allied under the umbrellas of neuroscience and cognitive science. Encounters of scientists and design professionals produce an exciting new frontier of human knowledge, and they lead to new understanding of the roles and responsibilities of the designer.

Moving Boundaries is an interdisciplinary international initiative seeking to disseminate this new understanding by means of education and advocacy. The initiative operates at the interface of the just mentioned scientific disciplines and such design disciplines as architecture, urban planning, landscape architecture, and interior design. Based in San Diego and La Jolla, California, which is the home of the venerable Academy of Neuroscience for Architecture (ANFA), connected by an active network of collaborations with kindred schools of design around the world, Moving Boundaries is poised to curate a global community of students, professionals, and organizations that share our vision and values.

Our groundbreaking summer course and workshop, titled Moving Boundaries: Human Sciences and the Future of Architecture, held in Santiago de Compostela (Galicia, Spain) and Porto (Portugal), will bring together over twenty-five distinguished international speakers: scientists and architects, historians and philosophers, who will illuminate multiple facets of the impact of the built environment on human health and well-being.

The geographical situation of this course is not accidental since one of our goals is to investigate how impacts of the built environment are grounded in the local culture. Unique atmospheres of Galicia, Porto and the Minho region will give us ample opportunity for such study. The course will feature numerous tours, field trips and workshops, in which we will uncover the rich cultural heritage of both regions, illustrating sustainable and resilient relationships of the person, community, and place.





*Every organism is in one sense continuous with its environment across the boundary of its skin, exchanging matter and energy.*  
James Gibson

What is more, the settings of Santiago de Compostela and Porto — both medieval cities and vibrant urban environments — feature an impressive array of ancient and modern architecture designed by Alvaro Siza Vieira, Eduardo Souto de Moura, Fernando Távora, John Hejduk, Nicholas Grimshaw, Manolo Gallego, Rem Koolhaas, David Chipperfield, Carlos Seoane, and Peter Eisenman. Both regions are well known for their distinctive vernacular craft, linguistic, musical and culinary traditions.

The program will provide each participant with numerous opportunities of interaction with some of the best minds in architecture, urban design and science, during classes, roundtable discussions and workshops, but also during many social events planned over these two weeks. We will learn together, from one another and from the unique environment of this course, gaining the strength for transforming architectural education and practice the world over.



In its larger aspirations, Moving Boundaries is designed to serve as a platform for collaboration between educators and scientists, practitioners and students of architecture, as well as with institutions of design, research, and learning.

Our initiative is animated by ideas and creations of such notable architects as Richard Neutra, Frank Lloyd Wright, Alvaro Siza Vieira, Louis Kahn, Alvar Aalto, Carlo Scarpa, Luis Barragan, Balkrishna Doshi and Juhani Pallasmaa, and also by such innovative thinkers as Maurice Merleau-Ponty in France and John Dewey in the United States.

Collective legacy of these individuals demands that we view design from an uncompromising humanistic perspective, committed to personal flourishing, and centered on the individual's physical health and psychological wellness.

# COURSE HIGHLIGHTS

## Innovative Interdisciplinary Curriculum at the Interface of Human Sciences, Architecture and Design

The Summer Course tuition includes lectures, masterclasses, roundtable discussions, workshops, field trips, sketching lessons and social events in two cities. Bus transportation during field trips and transfer between Santiago de Compostela, Spain and Porto, Portugal is also included. Experts in multiple disciplines collaborate to bring you a cutting-edge interdisciplinary program, the first of its kind in Iberia.

## World Renowned Architects, Historians, Scientists and Philosophers Teach Together for the First Time

Study with some of the most distinguished architects, theorists, historians, scientists and philosophers in the world. In all, more than 25 lecturers will join the course. Since the student group is limited to 60, you will have a chance to interact with lecturers not only during lectures and roundtables, but also during social events and field trips.

## Create Friendships: Opportunities for Collaboration with Diverse International Cohort

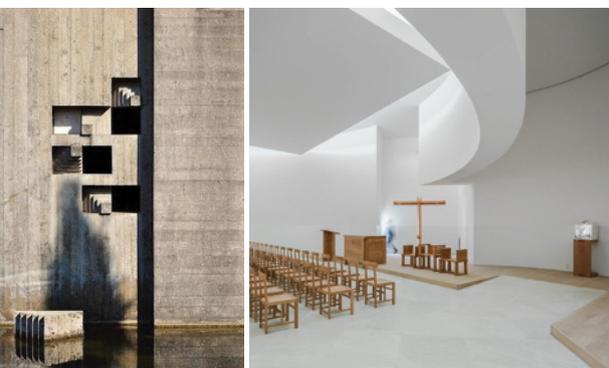
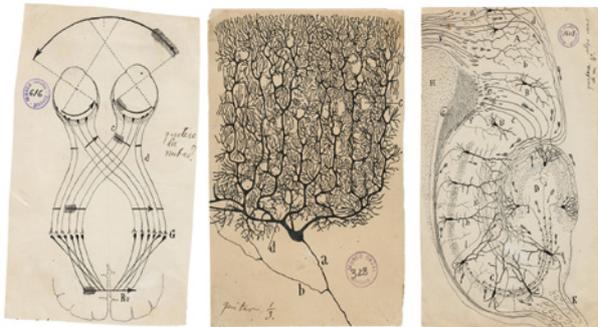
Learn together with participants in multiple disciplines from around the globe during the course, and grow your network for future collaboration. This course is geared to professionals, educators, administrators in higher education, and upper level graduate students. Participants will be joining the course from 15 different countries. A limited number of need-based scholarships will be offered.

## Visit Iconic Works of Architecture

Visit iconic works of architecture and landscape architecture in Galicia and Portugal, including buildings by: Alvaro Siza Vieira, Eduardo Souto de Moura, Fernando Tavora, Manuel Gallego, Giorgio Grassi, John Hejduk, Rem Koolhaas, and Peter Eisenman. Guided tours of selected buildings will be offered.

## Experience Medieval Cities in Two Countries: Their Rural and Urban Culture, Architecture and Cuisine

Experience the Medieval cities of Santiago de Compostela and Porto learning about cultural heritage, craft traditions, music, cuisine, principles of urban planning, landscape and geography, and more. Learn from local experts about placemaking and the rich cultural and historical connections between Galicia and the northern Minho region of Portugal.



# SANTIAGO DE COMPOSTELA



Santiago de Compostela is a stone apparition in the midst of the green forests of Northwest Spain and the nearby Galician “rias”. It was originally a stopping point on a Roman road, but the discovery of the Apostle James’ tomb at the beginning of the 9th century gave rise to a place of workshop in the corner of the Iberian Peninsula, which was then dominated by the Moors. A Romanesque cathedral then arose there, with the following centuries adding the sobriety of the Renaissance style and the majesty of a Baroque style that eventually characterised the city’s monumental image, made from the granite of its monasteries, its pilgrim hospitals, its numerous churches, its stately houses and its squares, where time stands still.

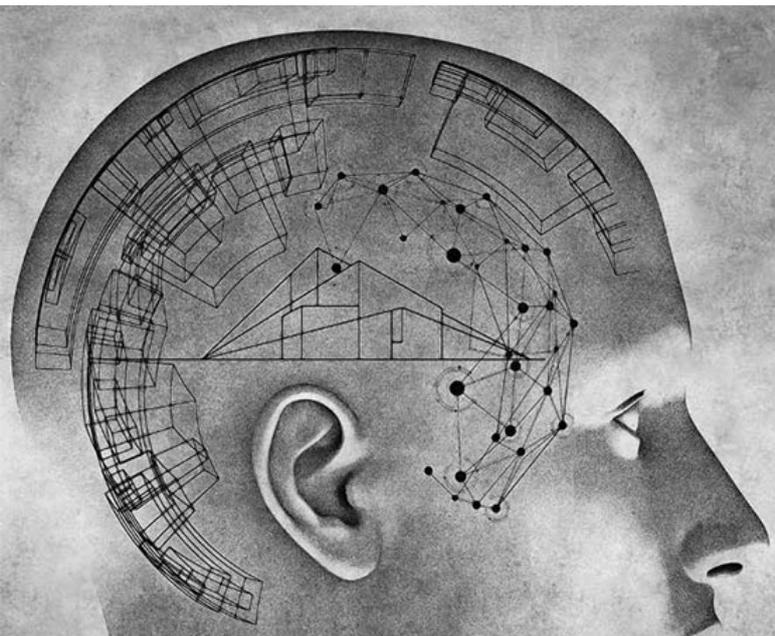
Tradition is still alive and the continent’s spirituality still looks towards Compostela. The city’s visitors will find its treasures exhibited in sixteen museums as well as the surprising richness of its contemporary architecture, designed by Eisenman, Hedjuk or Siza, surrounded by Galicia’s largest area of parks and gardens.

This setting is alive with cultural expressions – annual music, cinema and theatre festivals, permanent and travelling exhibitions and traditional festivals- organised by the public and private sector, led by the five-hundred-year-old University of Santiago, whose lecture rooms add 23,000 students to Compostela’s stable population of one hundred thousand residents.

# SANTIAGO DE COMPOSTELA

## Phenomenon of Place

July 21- 23



The architectural profession needs to bring the full-blooded human being into its very core. In Santiago de Compostela we will face this challenge using a new perspective that emerges in the rapidly evolving collaboration between architecture and human sciences such as cognitive science, psychology and neuroscience, among others. These disciplines have developed notions of the person and the environment that are starkly different from one another, using first-person and third-person perspectives. Designers need a framework capable of integrating concepts and methods developed by different disciplines.

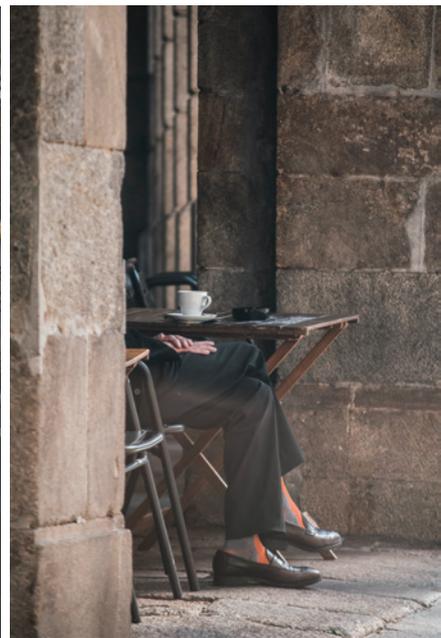
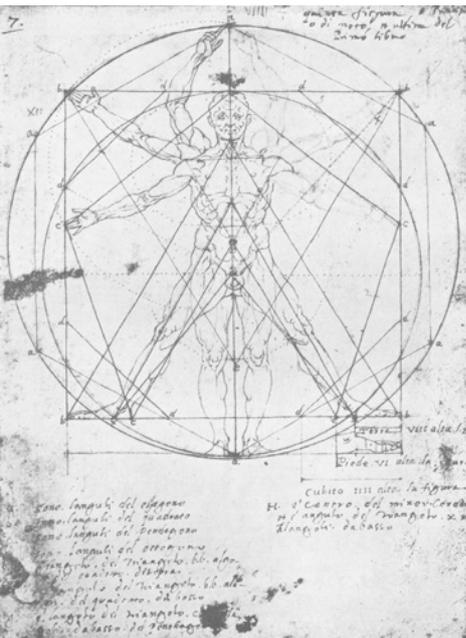
On Day 1 we will begin exploring this integration in a series of lectures and discussions dedicated to the interface of natural sciences and humanities.

On Day 2, we will look into how such integration can be facilitated by grounding this inquiry in the local environment: the landscape, the local culture, its history and traditions. In the workshops held during field trips on this day, we will delve into regional culture, visiting multiple works of architecture, guided by local builders, artists, and craftsmen.

On Day 3, we will attempt to synthesize this knowledge by exploring how different human sciences could contribute to understanding the phenomenon of place and regional culture.

# SANTIAGO DE COMPOSTELA

Thursday, July 21



- 10:00 Coffee
- 10:45 Opening remarks  
A welcome note | Fernando Agrasar  
Course preview by the chairs | Tatiana Berger, Sergei Gepshtein
- 11:30 Neuroscience and Culture of Design | Harry Mallgrave
- 12:15 Respondent talks | Alberto Pérez-Gómez, Sergei Gepshtein
- 1:00 Discussion
- 2:00 Lunch and Introductions
- 5:00 Local Voices: Galicia: Affective and Social Dimensions of Place | Fernando Agrasar
- 5:45 Neuroscience of Space, Time and Memory | Kate Jeffery
- 6:30 Roundtable Discussion  
Harry Mallgrave, Fernando Agrasar, Kate Jeffery, Tatiana Berger, Sergei Gepshtein, Thomas Albright
- Welcome Dinner
- 8:00

# SANTIAGO DE COMPOSTELA

Friday, July 22



- 10:00 Coffee
- 10:45 Workshop Introduction: Tatiana Berger, Sergei Gepshtein
- 11:15 Lecture | Rick Joy
- 12:00 Discussion, break
- 12:45 Alvar Aalto and The Persistence of Duality | Kurt Hunker
- 1:30 Discussion
- 2:00 Lunch
- 4:00 Field Trip and Workshop | Works by Gallego  
Works by Siza  
Stone Workshop
- 8:00 Dinner

# SANTIAGO DE COMPOSTELA

Saturday, July 23



- 09:00 Coffee
- 09:45 Interactive session: Summary and opening remarks
- 10:30 Spatial Polyphony in Science and Design | Sergei Gepshtein
- 11:15 Respondent talks and debate | Fernando Agrasar and Harry Mallgrave
- 12:15 Lecture | Sarah Williams Goldhagen
- 1:00 Discussion
- 2:00 Lunch
- 5:00 Phenomenology of Place | Jeff Malpas
- 5:45 Space and Place in Multisensory Design | Juhani Pallasmaa
- 6:30 Roundtable Discussion  
Fernando Agrasar, Sergei Gepshtein, Sarah Robinson,  
Alberto Pérez-Gómez, Harry Mallgrave
- 8:00 Dinner

# SANTIAGO DE COMPOSTELA

## Dynamics of Experience

July 24- 27



Santiago de Compostela is a destination of pilgrimage. St. James' Day (Apostolo) is the most important local holiday of the year, when pilgrims arrive at the Catedral Basílica de Santiago de Compostela. This context will help us to frame our theme of dynamics of experience. Day 4 is a free day. On Day 5, we will continue investigating the theme of experience of place through several lenses, in particular those of phenomenology and neuroscience of perception by a moving person. We will study how places shape one's behavior and how experiences arise in the interaction of sensory and motor systems of the person. On Day 6 we will hold workshops in which we will study the experience of movement and analyze several works of local architecture, including the Galician Museum of Contemporary Art, Bonaval Park, and the School of Journalism by Álvaro Siza. On Day 7, we will continue exploring the city of Santiago de Compostela. Walking its medieval streets we will study how physical objects can facilitate thinking and imagination: the notion called extended mind. This day and our visit to Santiago will conclude with a roundtable discussion of how thinking about movement and time can help to develop new strategies for architectural and urban design.

# SANTIAGO DE COMPOSTELA

Sunday, July 24



Free day: St. James's Day festivities, fireworks in front of the Cathedral.

# SANTIAGO DE COMPOSTELA

Monday, July 25



- 10:00 Coffee
- 10:45 Introduction: Local host | Tatiana Berger, Sergei Gepshtein
- 11:30 Enactive Cognition in Architecture | Alberto Pérez-Gómez
- 12:15 Lecture | Miguel Anxo Fernán Vello
- 1:00 Discussion
- 2:00 Lunch and Bagpipe Concert
- 5:00 Cognition: Enacted, Embodied, Extended | David Kirsh
- 5:45 Sentir el Paisaje: Conocer el Paisaje | Ruth Varela
- 6:30 Roundtable Discussion  
Alberto Pérez-Gómez, Jeff Malpas, Tatiana Berger,  
David Kirsh
- 8:00 Dinner

# SANTIAGO DE COMPOSTELA

Tuesday, July 26



- 10:00 Coffee
- 10:45 Workshop Introduction | Tatiana Berger, Sergei Gepshtein
- 11:15 Lecture TBD
- 12:00 Discussion, break
- 12:45 CGAC and Bonaval Park by Álvaro Siza | Fernando Agrasar and Tatiana Berger
- 1:30 Discussion
- 2:00 Lunch
- 4:00 Field Trip and Workshop | Works by Siza, Gallego, Hejduk  
Iron Workshop
- 8:00 Dinner

# SANTIAGO DE COMPOSTELA

Wednesday, July 27



- 12:30 Sketching lesson | Oscar Fuertes
- 2:00 Lunch
- 5:00 Lecture by | Thomas D. Albright
- 5:45 Creating Memory by Movement | Eduardo Macagno
- 6:30 Roundtable Discussion  
Thomas Albright, Eduardo Macagno, Oscar Fuertes,  
Tatiana Berger, Sergei Gepshtein, Sarah Robinson
- 8:00 Dinner

# SANTIAGO DE COMPOSTELA

Thursday, July 28



- 9:00 Bus leaves Santiago de Compostela
- 10:00 Visit Ría de Pontevedra
- 1:00 Lunch in Ponte de Lima, Portugal
- 3:30 Guided tour of Viana do Castelo Public Library (Siza)
- 5:00 Coffee in Viana do Castelo
- 6:30 Guided tour of Braga Stadium (Souto de Moura)
- 8:30 Arrive in Porto

# PORTO



Porto is the second-largest city in Portugal and one of the Iberian Peninsula's major urban areas.

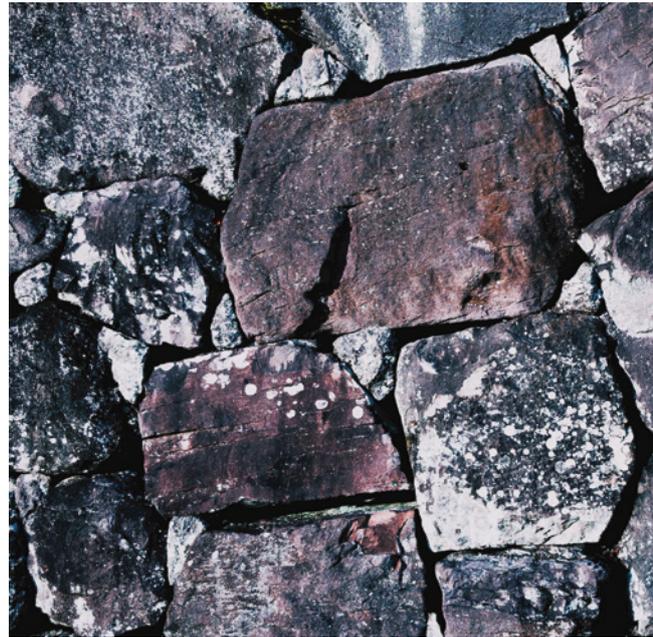
Located along the Douro River estuary in northern Portugal, Porto is one of the oldest European centres, and its core was proclaimed a World Heritage Site by UNESCO in 1996, as "Historic Centre of Porto, Luiz I Bridge and Monastery of Serra do Pilar". The historic area is also a National Monument of Portugal. The western part of its urban area extends to the coastline of the Atlantic Ocean. Its settlement dates back many centuries, when it was an outpost of the Roman Empire. Its combined Celtic-Latin name, *Portus Cale*, has been referred to as the origin of the name Portugal, based on transliteration and oral evolution from Latin.

Port wine, one of Portugal's most famous exports, is named after Porto, since the metropolitan area, and in particular the cellars of Vila Nova de Gaia, were responsible for the packaging, transport, and export of fortified wine. Porto is on the Portuguese Way path of the Camino de Santiago.

# PORTO

## The World of Senses

July 29- 30



Our next location in Porto will set the stage for concentrating our study on how the built environment engages the senses.

On Day 1 we will study how urban experience is always mediated by multiple senses. We will investigate how architectural atmospheres are created by the interaction of seeing, hearing, haptics, and olfaction, and also the senses that register one's own posture, balance, and movement.

On Day 2, we will hear a lecture by the project architect, who worked in the office of Álvaro Siza on the construction of the Santa Maria Church in Marco de Canaveses and make a bus trip from Porto to experience the church.

# PORTO

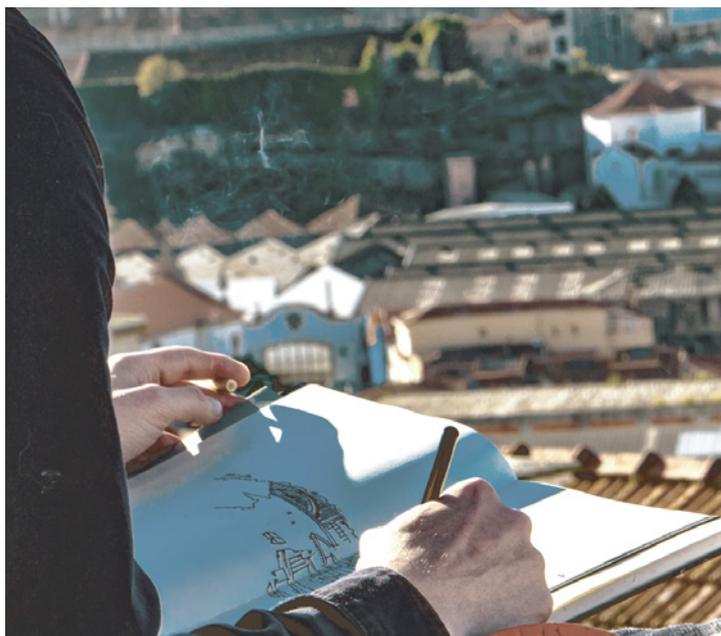
Friday, July 29



- 10:00 Coffee
- 10:45 Opening remarks  
Welcome note | Jorge Carvalho  
Preview by the chairs | Tatiana Berger, Sergei Gepshtein
- 11:30 Engagement of the Senses | Álvaro Siza Vieira and Juhani Pallasmaa
- 12:15 Respondent talks and debate | Tatiana Berger, Jorge Carvalho, Thomas Albright, Sergei Gepshtein, Claudia Kappl Joy, Sarah Robinson
- 1:00 Discussion
- 2:00 Lunch and wine tasting
- 5:00 Lecture | Claudia Kappl Joy
- 5:45 Multisensory Experience | Sarah Robinson
- 6:30 Roundtable  
TBD
- 8.00 Dinner

# PORTO

Saturday, July 30



- 9:00 Coffee
- 10:00 Platform and Horizon: Framing Nature and Perceiving Space | William J.R. Curtis
- 10:45 Discussion
- 11:15 Architectural Design and the Enacted Mind | Mark Hewitt
- 12:00 Lunch
- 12:45 Bus to Marco de Canaveses
- 1:45 Field Trip and Sketching; Lecture on Site | Edite Rosa  
Santa Maria church in Marco de Canaveses (Siza)
- 8:00 Dinner

# PORTO

## Perception and Emotion

July 31- August 2

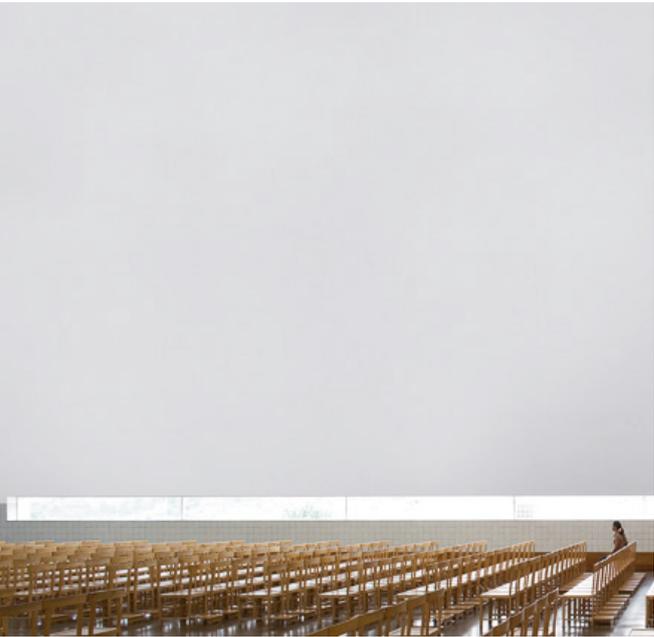


The concept of architectural atmosphere blends sensory and emotive aspects of experience. Having explored the sensory side of atmosphere in previous days, now we will concentrate on the emotive side.

On Day 3 in Porto, we will study the intricate relationship between emotions and cognitive faculties, and how this relationship is fundamental to experiencing architecture. This study will take us to investigate how insights from the objective, third-person perspective of the sciences can be integrated into design. On Day 4 we will have a field trip to see several built projects by Álvaro Siza, including the Serralves Museum of Art, Boa Nova Restaurant, and the Swimming Pools in Leça da Palmeira. We will hold a workshop dedicated to the analysis of sensory and emotive aspects of Siza's architecture. We will also continue our exploration of how architectural atmosphere can be captured by different methods of architectural representation. In the morning of Day 5 we will study how emotive aspects of experience are incorporated in the process of architectural representation and design. In the afternoon, we will bring together many ideas that will have emerged from this journey, and will collectively imagine the tools and strategies arising from the collaboration between architecture and human sciences. The day will conclude by a farewell dinner with fado music.

# PORTO

Sunday, July 31



- 09:00 Coffee
- 09:45 Opening remarks
- 10:00 Lecture by | Juhani Pallasmaa
- 10:45 Discussion and Questions
- 11:15 Lecture by | Thomas D. Albright
- 12:00 Discussion and Questions
- 12:30 Roundtable Discussion  
Álvaro Siza, Juhani Pallasmaa, Thomas Albright, Jorge  
Carvalho, Giovanna Colombetti, Alberto Pérez-Gómez
- 2:00 Lunch  
Walk in historic center of Porto
- 4:00 Lecture | Rick Joy
- 4:45 Discussion and Preparation for Workshop
- 6:00 Dinner

# PORTO

Monday, August 1



- 10:00 Coffee
- 11:00 4E Cognition and Affectivity | Giovanna Colombetti
- 11:45 Tuning Humans With Architecture | Davide Ruzzon
- 12:30 Respondent talks and debate | Alberto Pérez-Gómez, Giovanna Colombetti, Davide Ruzzon, Juhani Pallasmaa, Harry Mallgrave, Sergei Gepshtein
- 2:00 Lunch
- 4:00 Field Trip and Workshop: Serralves Museum and Gardens  
Leca Swimming Pools  
Boa Nova Restaurant
- 6:30 Sketching Lesson | Oscar Fuertes and Edite Rosa
- 8:00 Dinner

# PORTO

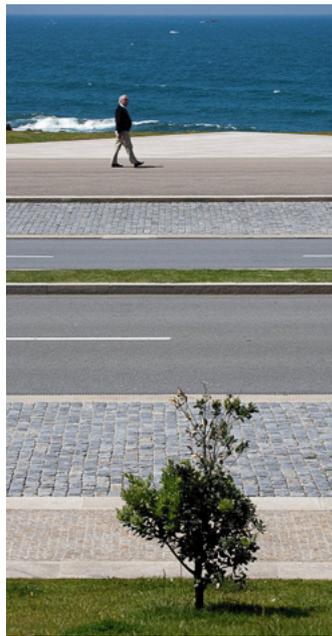
Tuesday, August 2



- 10:00 Coffee
- 11:00 Dialogic Lecture by | Sergei Gepshtein and Harry Mallgrave
- 11:45 Lecture | Tatiana Berger
- 12:30 Respondent talks and debate | Álvaro Siza, William J.R. Curtis, Juhani Pallasmaa, Alberto Pérez-Gómez, Tatiana Berger, Sergei Gepshtein
- 2:00 Lunch and port wine tasting
- 5:00 Lecture by | Alberto Pérez-Gómez
- 6:00 Roundtable Discussion  
Álvaro Siza, Juahni Pallasmaa, Alberto Pérez-Gómez, Tatiana Berger, Giovanna Colombetti, Rick Joy, Sergei Gepshtein, Harry Mallgrave, David Kirsh
- 8:00 Farewell Dinner and Fado

# TOURS

Wednesday, August 3 - Thursday, August 4



Experiencing Modern Architecture -  
Work of Alvaro Siza and Eduardo Souto de Moura  
in Porto, Matosinhos, Leça da Palmeira and Lisbon.

## FACULTY



Arch. History Professor  
McGill University, Montreal

**Alberto Pérez-Gómez** was born in Mexico City where he studied architecture and practiced. He was awarded an M.A. and a Ph.D. by the University of Essex (England). He has taught at London's Architectural Association and at universities in Mexico, the US and Canada. In 1983 he became Director of Carleton University's School of Architecture and in 1987 was appointed Bronfman Professor of Architectural History at McGill University in Montreal, where he founded the History and Theory Post-Professional (Master's and Doctoral) Programs. He became Emeritus Professor in January, 2020. Alberto Pérez-Gómez's research interests revolve around phenomenology, enactive cognitive science and hermeneutics in architecture. He continues to publish extensively in periodicals and chapters of books. His main books are still in print: *Architecture and the Crisis of Modern Science* (MIT Press, 1983) diagnosed the limitations of functionalist (instrumental) and formalist approaches in architecture. His latest book, *Attunement, Architectural Meaning after the Crisis of Modern Science* (2016) examines the issue of atmosphere and its relationship to traditional concepts of place, harmony and Stimmung, leading to an enquiry on the importance of narrative language in the generation of significant architecture.



Architect  
Porto, Portugal

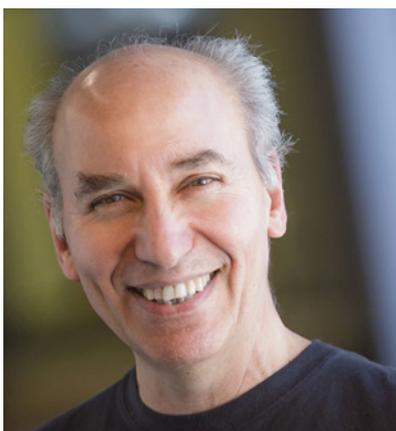
**Álvaro Joaquim de Melo Siza Vieira** is one of the most distinguished and highly awarded architects in the world. He works in Porto, Portugal. "Every design", says Siza, "is a rigorous attempt to capture a concrete moment of a transitory image in all its nuances. The extent to which this transitory quality is captured, is reflected in the designs: the more precise they are, the more vulnerable". Siza studied at the University of Porto School of Architecture from 1949 through 1955, completing his first built works (four houses in Matosinhos) even before ending his studies in 1954. In 1966, Siza began teaching at the University, and in 1976, he was made a tenured Professor of Architecture. In addition to his teaching there, he has been a visiting professor at the Graduate School of Design, Harvard University; the University of Pennsylvania; Los Andes University of Bogota; and the Ecole Polytechnique of Lausanne. In addition, he has been a guest lecturer at many universities and conferences throughout the world, from the United States, Colombia and Argentina to Spain, Germany, France, Norway, the Netherlands, Switzerland, Austria and England in Europe. He received the Pritzker Prize in 1992. He also received honors from foundations and institutions in Europe, including the Alvar Aalto Foundation Gold Medal in 1988, the renowned Mies van der Rohe Foundation Award the Borges & Irmao Bank in Vila do Conde, Portugal (1982-86) and many others.



*Lighting Designer  
Tucson, USA*

**Claudia Kappl-Joy** holds Master Degrees in Architecture (TU in GRAZ, Austria) and Architectural Lighting Design (KTH in Stockholm, Sweden) and has more than 17 years of professional experience in both fields. She has lived and worked in Austria, the United Kingdom and Sweden prior to moving to Tucson, Arizona, USA which is her home and work base. She is a Certified Lighting Designer (CLD), a Professional Member of the International Association of Lighting Designers (IALD) and is Member of the Illuminating Engineering Society (MIES), a Member and Mentor of Women in Lighting (WIL) and Women in Science and Engineering (WSTEM).

Claudia is faculty at The University of Arizona College of Architecture, Planning and Landscape Architecture (UArizona CAPLA), inspiring Students from both faculties - the Architecture and Engineering Schools to engage in Lighting. She frequently joins desk critiques and chairs reviews and juries at UArizona, Arizona State University and Parsons The New School of Design in New York City. She has lectured at regional Conferences including the American Institute of Architects (AIA) and internationally at Stockholm Lighting Days in Sweden as well as the Schools at Centro in Mexico City and MARCH in Moscow. She has participated in Art Installations in Arizona and Alaska and continuously contributes to and assists peer artists and architects with their projects in the US and abroad. In 2013 Claudia co-founded the seven-person, award-winning Lighting and Interior Design Consultancy Studio, CLL – Concept Lighting Lab, LLC, with Rick Joy. Projects range from master-planning to boutique specialty designs, including indoor and outdoor, private and public sector, new construction and remodel or renovation scopes. Claudia is fascinated with the ephemeral quality of light and its essential role in creating moving atmospheric space. Atmosphere is at the core of her design approach and interest.



*Cognitive Science Professor  
UC San Diego, USA*

**David Kirsh** is Professor and past chair of the Department of Cognitive Science at UCSD. He received a D. Phil. from Oxford University, did post-doctoral work at MIT (AI Lab), held research and visiting professor positions at MIT, Stanford, and the Bartlett School of Architecture UCL.

He has written on situated and embodied cognition, how environments can be shaped to simplify/extend cognition, and how space, external representations, our bodies and even manipulable objects become interactive tools for thought. His ideas about cognition include these propositions: (1) interacting with tools changes the way we think and perceive — tools when manipulated, are soon absorbed into the body schema, and this absorption leads to fundamental changes in the way we perceive and conceive of our environments; (2) we think with our bodies not just with our brains; (3) we know more by doing than by seeing — there are times when physically performing an activity is better than watching someone else perform the activity, even though our motor resonance system fires strongly during other person observation; (4) there are times when we literally think with things. He is President of the Academy of Neuroscience for Architecture and co-Director of the Arthur C. Clarke Center for Human Imagination. He is Adjunct Professor at Trinity Laban Conservatoire of Music and Dance.



Arch. Professor  
NAAD, Venice, Italy

**Davide Ruzzon** is an Architect, Director, and Scientific Responsible for TUNED, a Lombardini22's branch in Milan. He is working on applying the knowledge from neuroscience to the design of private and public buildings in open urban spaces. He is also the NAAD Founder and Director. Arrived at its fourth edition, 'Neuroscience Applied to Architectural Design' is an annual Postgraduate Course at the IUAV University of Venice. This Course involves professionals, scholars, young architects, scientists, and psychologists from all over the world, in an interdisciplinary path toward an evidence-based design, able to merge science and architecture, well beyond the divide between biology and culture. Davide is the Co-Director, and Founder, with Sarah Robinson and Alessandro Gattara, of the new architecture magazine *Intertwining*, now on its third issue. He wrote books and papers, edited collections of essays, and organized seminars and conferences. He also has built public and private buildings and has taken part in International Design.



Architect  
University of Lusófona  
Porto, Portugal

**Edite Rosa** holds a PhD degree in Architecture from University of Polytechnic of Catalonia, School of Architecture (ETSAB-UPC, 2006) and a degree in Architecture, Oporto School of Architecture (FAUP, 1991). She was awarded a scholarship grant, FCT-MES for her doctoral studies in the Program of the Department of Architectural Projects of ETSAB, Barcelona School of Architecture, University of Polytechnic of Catalonia. She is Professor of 2° and 3° cycle of Architectural Studies of Theory and Design Studio of Architecture, both at the University of Lusófona of Oporto (ULP) and at University of Beira Interior (UBI). She is a researcher at the Center for Studies in Architecture and Urbanism (CEAU) of the Faculty of Architecture of the University of Porto (2011), part of the Atlas da Casa Group and a researcher at the laboratory Arq.ID, Architecture Research and Development (ULP-Porto). She has published articles concerning the theory and practice of contemporary architecture in international journals and conferences (such as Docomomo International, CA2RE+) and she presented her work at national and international conferences and workshops. She has practiced as an architect since 1991, in collaboration with Álvaro Siza Office, in the capacity of coordinator of design project teams in several projects, including Library of University of Aveiro, Marco de Canaveses Church and Parish Center, Town Square and Parking of Momadona in Guimarães, General Plan and Dwelling of Felgueiras municipality. She founded her architecture office in 1998 in Oporto (erja-arquitectos). She is the author and co-author of diverse projects in housing, public equipment buildings, planning and design of urban spaces. She is the recipient of prizes and mentions in several public competitions.



Neuroscience Professor  
UC San Diego, USA

**Eduardo R. Macagno** is a neuroscientist and Distinguished Professor at the University of California San Diego (UCSD), where he was recruited as the Founding Dean of the Division of Biological Sciences in 2001. He earned his Ph.D. degree in Physics at Columbia University, but subsequently trained in neuroscience as a postdoctoral fellow at Columbia University, and as a student at the Marine Biological Laboratory in Woods Hole and the Cold Spring Harbor Laboratory. He joined the faculty of the Columbia Department of Biological Sciences in 1973, served as chair of this department in 1990-1993, and in 1993 was appointed as Dean of the Columbia Graduate School of Arts and Sciences.

Beginning at Columbia and until recently at UCSD, his laboratory focused on the study of fundamental aspects of neural development, including the genesis of neuronal arbors, the innervation of target organs, and the formation of specific synaptic circuits. Since 2003, he has been involved in the development of an interface between Neuroscience and Architecture through his engagement with the Academy of Neuroscience for Architecture (ANFA), as a continuing member of its Board of Directors and President during 2010 and 2011. He has also contributed to developing a curriculum for training in this area through teaching courses at UCSD on "Brains and Buildings" and at the NewSchool of Architecture and Design on "Neuroscience for Architecture," with Professors Gil Cooke and Kris Mun.

Recent and current collaborative research projects employ biometric devices and Virtual Reality environments to study the interaction of normal and neurologically impaired subjects with the built environment, particularly in the areas of navigation, wayfinding and spatial memory.



Arch. Professor  
Universidade da Coruña, Spain

**Fernando Agrasar** is an architect at the E.T.S.A de A Coruña (1989) and a Doctor at the University of A Coruña (2001). He is a Full Professor in the area of architectural composition of the E.T.S.A de A Coruña.

His research work is dedicated to study of compositional mechanisms of contemporary architecture, as well as the latter's relation to other creative disciplines. He directed the magazine *Obradoiro*, together with Jesús Irisarri, from 2000 to 2006, and *Dardo Magazine*, with David Barro, from 2012 to 2019. He is currently Director of the Research Group on Architectural Composition and Heritage (GICAP) and Coordinator of the Ph.D. Program in Architecture and Urban Planning at the University of A Coruña.

Agrasar maintains his professional activity as an architect, mainly in design of exhibitions and projects of rehabilitation.



Philosophy Professor  
University of Exeter, UK

**Giovanna Colombetti** is Professor of Philosophy in the Department of Sociology, Philosophy and Anthropology of the University of Exeter (UK). She was educated in Italy and the UK, and after getting a DPhil from Sussex in 2004, she was a postdoctoral researcher at the universities of York (Canada), Trento (Italy), and Harvard. Since 2007 she has worked and lived in Exeter, temporarily visiting various research centers in Europe, Australia, and Asia. At Exeter she is also member of EGENIS (The Centre for the Study of the Life Sciences), where she leads the Mind, Body, and Culture research cluster. She is further affiliated with the University of Southern Denmark, where since 2021 she has been Adjunct Professor in Philosophy at the Faculty of Health Sciences and collaborates with its research cluster on Movement, Culture, and Society.

Her primary research interests lie at the intersection of philosophy of cognitive science (especially embodied and situated cognition), philosophy of emotion, phenomenology, and material culture studies. She has worked in particular on the notions of emotion and affectivity, and on their relation to theories of embodiment, enaction, and extended mind. She is author of several articles and chapters in which she argues that, from a dynamical and embodied-mind perspective, cognition and emotion are not separate mental faculties, and rather emotion is a primordial and all-pervasive dimension of the mind.

In 2010-2014 she was Principal Investigator of a Starting Grant funded by the European Research Council, titled "Emoting the Embodied Mind", during which she wrote *The Feeling Body: Affective Science Meets the Enactive Mind* (MIT Press, 2014). Since then, she has worked on the notion of "situated affectivity" and is currently writing a second monograph on our affective relation to material objects.



Arch. History Professor  
IIT, Chicago, USA

**Harry Francis Mallgrave** is a Distinguished Professor Emeritus at Illinois Institute of Technology and an Honorary Fellow of the Royal Institute of British Architects. He received his PhD in architecture from the University of Pennsylvania and has enjoyed a career as a scholar, translator, editor, and architect. In 1996 he won the Alice Davis Hitchcock Award from the Society of Architectural Historians for his intellectual biography of Gottfried Semper, and for more than fifteen years he served as the architecture editor of the Texts & Documents Series at the Getty Research Institute.

He has published more than a dozen books on architectural history and theory, including three considering the relevance of the new humanistic and biological models for the practice of design. His most recent book, *Building Paradise: Episodes in Paradisiacal Thinking*, is currently in press with Routledge Publications. Drawing upon a theme first raised by Alvar Aalto, it offers both a selected history of the idea of paradise as well as a 'garden ethic' for the ecological practice of design.



Philosophy Professor  
University of Tasmania, Australia

**Jeff Malpas** is an Australian philosopher and is currently Emeritus Distinguished Professor at the University of Tasmania in Hobart and Distinguished Visiting Professor at LaTrobe University in Melbourne. He is a Fellow of the Australian Academy of Humanities and a Distinguished Fellow of the Australian Association of von Humboldt Fellows. He has worked with architects and designers at several universities in Australia and around the world, and was previously adjunct professor in architecture and design at RMIT University in Melbourne and was also attached to the School of Architecture and Design at the University of Tasmania. At the centre of much of his work is a concern with questions of place and space (an obvious point of contact with architecture), as well as set of related issues concerning self, language, and the ethical. His approach is one that he describes as 'topological' or 'topographic' in character and is also heavily influenced by twentieth-century hermeneutical thinking. Among his best-known works is *Place and Experience: A Philosophical Topography* (Routledge, 2018), described by Alberto Pérez-Gómez of McGill University as "a crucial contribution to our understanding of the deep connections between place and all things human. Transcending disciplinary boundaries, *Place and Experience* offers valuable lessons for architects, urban and environmental designers, and all those willing to challenge the seeming inevitability of homogeneous space and placelessness brought about by our technological civilization'. His most recent publication is *Rethinking Dwelling: Heidegger, Place, Architecture* (Bloomsbury, 2021).

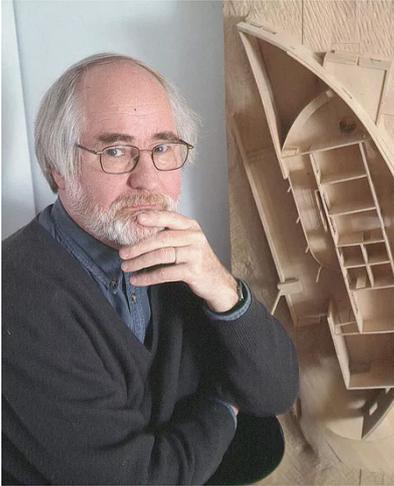


Arch. Professor  
University of Coimbra, Portugal

**Jorge Carvalho** (b.1964) graduated in Architecture by the Faculty of Architecture of Porto University in 1990. In 1991 he starts, with Teresa Novais, the studio aNC arquitectos ([www.anc-arquitectos.com](http://www.anc-arquitectos.com)). Their work has been recognized in several occasions: it received an Honorable Mention for the 2019 João de Almada Award, it was nominated for the Gubbio / National Association of Historic and Artistic Centres (Italy) with the House in the City 5, it was winner of the Iberian-American Biennale of Architecture and Urbanism in 2014, it was nominated for the European Union Prize for Contemporary Architecture Mies van der Rohe Award 2011 with the Leça do Balio School, it was selected for Respect for Architecture Porto 2012 with Goshø restaurant, it won the P.A.U.M.A. Award in 2006 with the Support and Maintenance Centre for Motorways in Aveiro, and was awarded the silver medal in the European Architecture Award Luigi Consenza 2002 with the House in the Countryside 1. aNC participated as local atelier in Casa da Música, a Rem Koolhaas - OMA project in Porto.

Within the scope of the debate on the conditions of production of contemporary architecture, the selection for the FAD Awards of Thought and Criticism with the book *Power/Architecture* (Portugal and Zurich, Switzerland: Casa da Arquitectura and Lars Müller, 2017), in co-authorship with Pedro Bandeira and Ricardo Carvalho, stands out, in addition to publishing articles, curating exhibitions and organizing, moderating and participating in debates.

Jorge Carvalho is Guest Professor at the Architecture Department of Coimbra University. He has been guest critic and external examiner in several architecture schools.



Arch. Professor  
Helsinki University, Finland

**Juhani Pallasmaa** is a Finnish architect, professor of architecture and former dean at the Helsinki University of Technology. Pallasmaa has written and lectured extensively across the world for over 45 years on architecture, the visual arts, environmental phenomenology, and cultural philosophy.

Among the many academic and civic positions he has held are those of Director of the Museum of Finnish Architecture and head of the Institute of Industrial Arts, Helsinki. He established his own architect's office in 1983 in Helsinki. He has taught architecture at many universities around the world, including the Washington University in St. Louis, the University of Illinois at Urbana-Champaign, and Frank Lloyd Wright's Taliesin School. Pallasmaa has lectured widely in Europe, North and South America, Africa and Asia.

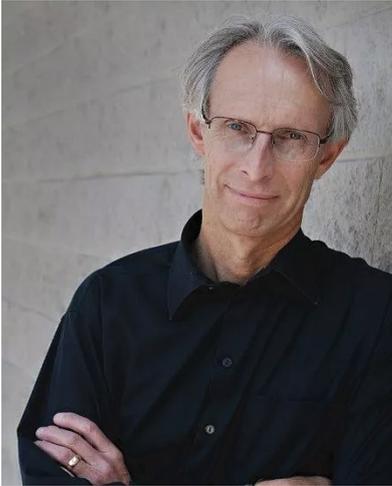
Among Pallasmaa's many books on architectural theory is *The Eyes of the Skin – Architecture and the Senses*, a book that has become a classic of architectural theory and is required reading in many schools of architecture around the world. A selection of essays written by Pallasmaa, from the early years to more recent ones, has been translated into English and collated together in the book *Encounters – Architectural Essays*, edited by Peter MacKeith. Pallasmaa is the former Chair of the Pritzker Prize Committee. He is a member of the Finnish Association of Architects and an honorary Fellow of the American Institute of Architects.



Neuroscience Professor  
University College London, UK

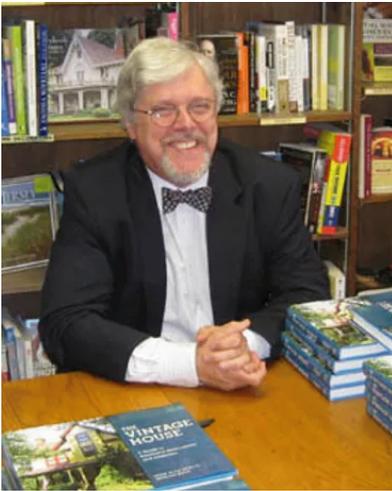
**Kate Jeffery** is a medically qualified neuroscientist researching the activity of cells in the brain that form the core of a place-knowledge system used for both navigation and memory. She is particularly interested in how the brain represents complexly structured space, with a focus on two main issues: three dimensional space, and the internal "sense of direction." Recently she has been linking her research to the human experience of space, via collaborations with architects. She heads the Institute of Behavioural Neuroscience in the Division of Psychology and Language Sciences at UCL, and is co-director of the electrophysiology company Axona Ltd, which makes high-density recording systems for behavioural neuroscientists.

She is also a Fellow of the Royal Society of Biology and the Royal Institute of Navigation.



Arch. Professor  
NewSchool, San Diego, USA

**Kurt Hunker** is a Professor in the Graduate Program in Architecture at the NewSchool of Architecture and Design in San Diego, California, USA. He has served academia for over 30 years in a range of positions, including roles as Chair, Dean and Provost. Hunker twice was named “Teacher of the Year” at NewSchool and has received other recognition for excellence in teaching. Courses developed and taught range from Thesis Design Studios to Architectural Theory to Professional Practice. He is a Fellow of the American Institute of Architects, honored for his contributions to architectural education. He received his Bachelor of Science degree from the Ohio State University and a Master of Architecture with Faculty Commendation from the Harvard Graduate School of Design. Professor Hunker is a member of the Board of Directors of the Academy of Neuroscience for Architecture (ANFA). A licensed US architect, he maintains an active consulting design practice with an emphasis on educational, performance and civic facilities. Past professional experience includes work with notable firms in Columbus, Ohio, San Antonio, Texas, Washington, DC as well as San Diego. His design work has been recognized with AIA and other awards at the local, state, regional and national levels. He has written on a wide variety of architectural topics, from the literature of architectural criticism to the work of Alvar Aalto to the emergence of spectacle in tall buildings and has presented his findings at conferences and meetings from Los Angeles to Moscow.



Arch. Historian  
New Hampshire, USA

**Mark Alan Hewitt**, FAIA, is an architect, historian, and preservationist practicing in the New York area. Educated at Yale and the University of Pennsylvania, he has taught at leading schools of architecture throughout the U.S., including Rice, Columbia, and the New Jersey Institute of Technology. His design practice focuses on architectural conservation, history of the built environment, adaptive reuse, and traditional design for residential and institutional clients. He is active as an advocate for sustainable design, historic preservation, social justice, and housing equity for all humans. Hewitt is the author of seven books and dozens of articles on architectural history, theory, and practice. He has published extensively on American architecture of the Progressive era, and has written numerous biographies of American architects. His latest book, *Draw In Order to See*, is the first to trace the history of architectural design using cognitive neuroscience and embodiment as a basis for analysis. He is a Fellow of the American Institute of Architects, a recipient of the Arthur Ross Award for publishing on classical architecture, and a former NEH Winterthur Fellow. He has also won design awards for projects ranging from single family houses to churches. He continues to do research bridging the gap between the sciences, social sciences, and humanities as a cultural historian and critic.



Poet  
Lugo, Spain

**Miguel Anxo Fernán Vello** was born in Cospeito, Lugo, in 1958. He is a poet, playwright and publisher. Miguel studied Psychology and Philology at the University of Santiago, and Music (Classical Guitar) at the Music College of A Coruña.

He was Secretary-General of the Galician Writers Association (AELG) and Chairman of the Galician Publishers' Association (AGE). As a poet, he has twice won the Spanish national critics award, in 1985 and in 2005, and has been finalist for the Spanish national literary award with the book of poems *Seivas amor e Tránsito* (1985) and for the national poetry award from Spain with the books *As certezas do clima* (1997) and *Territorio da desaparición* (2005). In addition, he has also won the following awards: Celso Emilio Ferreiro (from the Vigo City Council), Esquíu, Xacobeo de Poesía (from the government of Galicia) and the Martin Codax award.



Arch. Professor  
Universidade da Coruña, Spain

**Oscar Fuertes** studied architecture in Coruña, Spain and the Accademia della Architettura, Mendrisio, Switzerland. He has a master's degree from Coruña University and He also completed post-graduate studies at AA School of Architecture, London, UK. He obtained his PhD from the University of Coruna in 2015, his doctoral thesis "*La carpintería de ribera en Galicia. La recuperación de sus arquitecturas*" was recognized with the "Cum Laude" and the Spanish architecture biennial award 2018.

Mr. Fuertes has focused his studies towards the research of popular and industrial architecture as well as architecture in wood. As a researcher he has participated in different investigation projects, and he was the coordinate for the European project "Dorna II" (2013-2014) for the University of Coruna; Author of the books *Arquitecturas do Mar* (F. UDC, 2014), *Compostelas Contemporáneas* (FCA, 2013), *Astilleros* (COAG, 2011).

Since 2014 he founded Fuertespenedo arquitectos, together with his work partner being recognized with different awards such as the Young European Architects Award 2020. Mr. Fuertes is now Associate Professor in the department of Architectural Projects, Urban Planning and Composition at the Coruña University and the Director of the Galician maritime culture Plan-2030 for the Galician government (Xunta de Galicia-UDC).



Architect  
Tucson, USA

Founded in 1993 by **Rick Joy**, Studio Rick Joy is an award-winning architecture, interiors, and planning firm based in Tucson, Arizona. The diverse team, originating from across the US and abroad, create a unique collaborative environment where different perspectives and experiences are brought together to create a culture of original thinking. Studio Rick Joy has realized architectural works throughout North America with extensive experience in lifestyle-based projects from numerous single-family residences to an ultra-lux resort and large-scale masterplans. Completed in 2018, the studio breathed new life into the campus of Princeton University through the Transit Hall and Market buildings, where it approached the brief with the desire to produce a thoughtful and orienting entry to the storied educational institution. The studio's work is an important contributor to the ongoing global discourse on conceptual and sustainable architecture.

The foundational principles of Rick and his studio have always been deeply informed by the spirit and sensation of creating site-specific works – the sounds and rhythms, the play of light and space, the relationship between shadow and light. In doing so, spaces are created that are shelters for both the body, and the mind. The team's shared values focus on lifestyle and experience of a space, while each project also celebrates materials and methods that express the local identity and spirit of the site, whether in the Bahamas or Mexico City, and aspire to elevate the emotional identity of that place.



Architect  
Santiago de Compostela, Spain

**Ruth Varela** holds doctorate in architecture from the University of A Coruña with the thesis "*The exploration and construction of cultural heritage knowledge by way of graphical formalism*" for which she qualified with International Mention, summa cum laude, and Premio Extraordinario de doctorado from the University of A Coruña, UDC. She also holds a Diploma of Advanced Studies from the Faculty of Geography and History of the University of Santiago de Compostela, the degree of Master in Urban Renewal and Rehabilitation from the same university, and the certification of Architect by the ETSAC of the UDC. Her professional career is focused on carrying out projects of interdisciplinary nature involving architecture, culture, nature, science, and art. She has extensive experience in exhibition projects and ephemeral architecture, curating and designing museum exhibitions as well as cultural and scientific outreach projects.

As a researcher, she received the Pontevedra Provincial Council's Research Award, for a project concerned with poetics of space in Galicia, conveying spatial and graphic translation of parts of Gaston Bachelard's work. She participated in research projects financed by the Xunta de Galicia in the areas of tourism and cultural heritage. Since 2007 she has developed a line of research on the plant Jacobean Lily (*Flor de Santiago, Sprekelia Formosissima*) from the perspectives of cultural history, history of science, and history of art. In 2018, University of Santiago de Compostela nominated this project to XI BBVA Frontiers of Knowledge Awards in the category of Humanities. She has been an FPI predoctoral researcher at the Spanish National Research Council, CSIC, integrated into the following Programs: Interdisciplinary Scientific Strategies in Heritage and Landscape, ECIPP, of the University of the Basque Country, UPV, and Architecture and Urban Planning of the UDC, currently implemented by the research group of the Higher Technical School of Architecture, ETSAC, UDC, and by Cluster della Ricerca of the IUAV University of Venice.



Arch. Professor, Author  
Aalborg Univ., Denmark  
NAAD, Venice, Italy

**Sarah Robinson** is an architect, writer and educator whose practice is based in Pavia, Italy. Her writing and research is concerned with the many ways that the built environment shapes body, mind and culture. Her books, *Nesting: Body, Dwelling Mind* (William Stout, 2011), *Mind in Architecture: Neuroscience, Embodiment and the Future of Design* with Juhani Pallasmaa (MIT, 2015) and *Architecture is Verb*, (Routledge, 2021) are among the first works to engage the dialogue between architecture and the cognitive sciences.

Holding degrees in both philosophy and architecture, she was the founding president of the Frank Lloyd Wright school of architecture board of governors. She is Adjunct Professor in Architecture, Design and Media Technology at Aalborg University, Denmark, and she is a member of the scientific board of NAAD at IUAV, Venice.



Author, Consultant  
New York, USA

**Sarah Williams Goldhagen** PhD. (Columbia University) and former Harvard professor, writes, lectures, and consults for a wide range of public and private clients on human centered design for the built environment. Her *Welcome to Your World: How the Built Environment Shapes Our Lives* (HarperCollins; also published in Chinese, Russian, and Korean) won a Nautilus Book Award in 2017 for its contribution to social and environmental justice, and Goldhagen was an opening-night Spotlight speaker at the AIA National Convention that same year. A frequent keynote speaker, Goldhagen has won numerous awards and grants (including three from the Graham Foundation for Advanced Studies in the Fine Arts) for her writing on modern and contemporary architecture and landscapes and their psychological and cognitive effects on people.

She has published several opinion pieces in the New York Times, served as Contributing Editor for *Art in America* and *Architectural Record*, and was the New Republic's architecture critic for nearly a decade.

Goldhagen also has had a distinguished academic career with scholarly publications that include *Louis Kahn's Situated Modernism* (Yale University) and *Anxious Modernisms: Experimentation in Postwar Architectural Culture* (co-edited with Réjean Legault, MIT Press) as well as numerous essays and reviews in premier architecture- and art-historical journals. Currently she sits on the Board of the Van Alen Institute, works closely with the Academy of Neuroscience for Architecture (ANFA), and advises various clients on strategies for promoting and implementing human centered design.



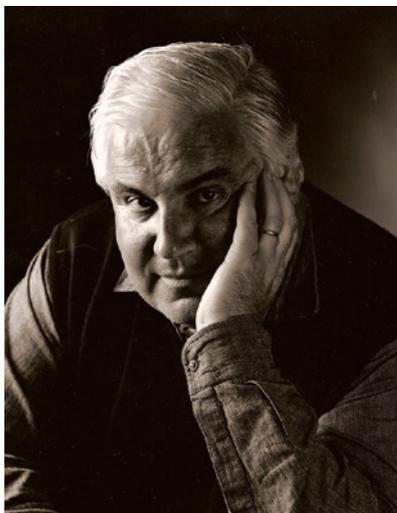
Neuroscience Professor  
Salk Institute, San Diego, USA

**Thomas D. Albright** is Professor and Conrad T. Prebys Chair at the Salk Institute for Biological Studies, where he is Director of the Center for the Neurobiology of Vision and Adjunct Professor of Psychology and Neurosciences at the University of California, San Diego.

He specializes in the neural basis of visual perception, memory and visually guided behavior. He seeks to understand how visual perception is affected by attention, behavioral goals, and memories of previous experiences.

An important goal of this work is the development of therapies for blindness and perceptual impairments resulting from disease, trauma or developmental disorders of the brain. A second aim of his work is to use our growing knowledge of brain, perception and memory to inform design in architecture and the arts, and to leverage societal decisions and public policy.

He received a Ph.D. in psychology and neuroscience from Princeton University. He is a member of the U.S. National Academy of Sciences, a fellow of the American Academy of Arts and Sciences, a fellow of the American Association for the Advancement of Science, and an associate of the Neuroscience Research Program. He is past-president of the Academy of Neuroscience for Architecture (2012-2014), a member of the National Academy of Sciences Committee on Science, Technology, and Law, and a member of the U.S. National Commission on Forensic Science.



Arch.Historian, Artist  
Cajarc, France

**William J.R. Curtis** is a historian, critic, artist and photographer. He was educated at the Courtauld Institute of Art, London, and Harvard University. He has taught the history of architecture, theories of design and architectural studios at many universities around the world including Harvard University (Dept of Visual and Environmental Studies and Graduate School of Design), the Architectural Association and the University of Cambridge where he was Slade Professor of Fine Art. He is committed to visual education in a broad sense. His best known books include *Modern Architecture Since 1900* and *Le Corbusier: Ideas and Forms*, both widely translated and referred to as 'classics'. Among other books: *Balkrishna Doshi: an Architecture for India*; *Denys Lasdun: Architecture, City, Landscape*; *Le Corbusier at Work, The Genesis of the Carpenter Center for the Visual Arts*.

Curtis has published on a vast range of other subjects and is an engaged critic who contributes to international journals such as the *Architectural Review* and *El Croquis*. He has written several texts on Spanish and Portuguese modern architecture including the work of Alejandro de la Sota, Rafael Moneo, Fernando Tavora and Alvaro Siza. In 2015 a retrospective of his artistic work was held in the Palace of Carlos V of the Alhambra with the title '*Abstraccion y Luz/ Abstraction and Light: Paintings, Drawings, Photographs by William J.R. Curtis*' accompanied by a book with a Preface written by Alvaro Siza. In recognition of his diverse activities, Curtis has received several international awards, including the 1999 Gold Medal of the Tau Sigma Delta Honor Society in Architecture and Allied Arts (USA); a 50 year Commemoration Medal from the Museum of Finnish Architecture in 2006; and the Golden Award for Global Contribution to Architecture (India) in 2014.

# CHAIRS



*Arch. Professor  
NewSchool, San Diego, USA*

**Tatiana Berger** is an architect, urban designer and educator. She has worked for over 25 years in the U.S., Russia, Portugal, Spain, and Austria. Her built works, collaborations and community plans were published in international periodicals and presented in exhibitions in Europe, Russia and U.S. From 1997-2004 she worked in the office of Alvaro Siza in Porto.

She is Associate Professor of Architecture and Urbanism at the NewSchool of Architecture & Design in San Diego and guest lecturer at NAAD in Venice, ETH Zurich, NeuroArq Brazil, NAD Chile and MARCH School of Architecture in Moscow. A member of the Advisory Council of the Academy of Neuroscience for Architecture (ANFA), she developed a new curriculum in architectural theory and studio with a focus on ANFA themes as faculty in the pioneering Neuroscience for Architecture Program at NewSchool. In her role as Liaison for Education and curator of lecture series and symposia, she leads the ANFA Center for Education (ACE), an international forum for educators dedicated to reimagining design education. She is co-founder of the Compostela Institute and has lectured internationally on topics in architectural theory, urbanism and health, regionalism, and transdisciplinary design education. She is increasingly involved in research in dynamic sensory experience of the built environment informed by knowledge from the human sciences. Tatiana speaks Spanish, Portuguese, Russian and English.



*Scientist, Professor  
Salk Institute, San Diego, USA  
USC, Los Angeles, USA*

**Dr. Sergei Gepshtein** is Scientist at the Salk Institute for Biological Studies in San Diego and Adjunct Full Professor at the University of Southern California in Los Angeles. He works in the areas of perceptual psychology, systems neuroscience and computational neuroscience. His research interests include perception of depth and movement, perceptual organization, planning of multistep actions, and dynamics of cortical neural networks.

At the Salk Institute, he is a member of the Center for the Neurobiology of Vision and Director of Collaboratory for Adaptive Sensory Technologies. At the University of Southern California, he directs the Center for Spatial Perception & Concrete Experience. His work has been supported by grants and awards from the National Eye Institute, the National Institute on Aging, the National Science Foundation, Kavli Institute for Brain and Mind, Swartz Foundation for Theoretical Neuroscience, and National Institutes of Natural Sciences of Japan.

He is a founding member of the 5D | World Building Institute, an inaugural member of the Freeman Design Leadership Council, and an inaugural recipient of the Harold Hay Award from the Academy of Neuroscience for Architecture (ANFA). In 2016 he joined the Board of Directors of ANFA to facilitate mutual understanding of science and design professionals and to help build the foundation for a new discipline of design enlightened by results of systematic empirical inquiry. He has developed a curriculum bridging concepts of space developed by different disciplines in science and design. He used this curriculum to teach undergraduate and graduate courses at the University of Southern California and at NewSchool for Architecture of Design.

# TEACHING ASSISTANTS



Educator, Architect  
Website Design  
Communication with Speakers

## Andréa de Paiva - MSc in Architecture and Design

Andréa de Paiva is a Master of Arts (Middlesex University, London) and architect (University of São Paulo) from Brazil. In her work, she seeks to bridge research, education and design. Her research interests involve the interdisciplinary field of cognitive science, applied to architecture and urbanism in order to understand how the physical environment affects individuals and society. Her research included such topics as short- and long-term effects of the physical environment, environmental enrichment and brain plasticity, how space affects memorization of experience, cognitive restoration and multi-sensory experience of places.

Andréa is the co-author of the book *Triuno: Neuro-business and Quality of Life*. She is the creator of NeuroAU ([neuroau.com](http://neuroau.com)), which is an online space for discussion and dissemination of knowledge about links between cognitive science, architecture and design. NeuroAU has more than 25K followers on Instagram (@neuro\_au) and it has numerous articles (now more than 35) published about intersections of cognitive science and architecture, in English and Portuguese. The site also hosts an online courses on these topics.

Andréa works as a professor of neuroscience for architecture in two Brazilian universities: Fundação Getulio Vargas (FGV) and Faculdade Armando Álvares Penteado (FAAP). At FAAP, she has created a course *Neuroscience Applied to Environments and Creation*, which will have completed its ninth cohort by the end of 2021.

She is a member of ACE (ANFA Centre for Education ) and she was invited to speak at Varna Free University (Bulgaria), the Institute for Challenging Disorganization in the US, DP Architects London, SECOVI-SP and SESC-SP in Brazil.

Andréa also serves as a consultant on neuroscience for architecture, having consulted at Athié Wohnrath (one of the most successful architecture offices in Brazil, according to Forbes, 2016), where she was involved in projects about schools and workplaces. She was a consultant at FGV (the best think tank in Latin America, according to the Global Go To Think Tanks Index, 2020).



Designer  
Promotion, Marketing

## Ernani Baréa - M.Arch

Ernani is a recent graduate from the NewSchool of Architecture and Design with an emphasis on healthy urbanism. With the experience of growing up in a small town in Brazil, living on three different continents, and completing his Bachelor's degree in Architecture and Planning in England, he understands the principles that enhance the sense of place in a city.

After working on a year-long project about redesigning a street during the pandemic, now he focuses on designs that evoke specific emotions in the user.



Architectural Designer,  
Neuroscience Graduate (c)  
Website Design  
Student Enrollment

### **Arkar Hein - M.Sc (c) Neuroscience & Education , M.Arch NAAB, B.Arch**

Arkar Hein is an architectural designer and design consultant from San Diego. He holds an M.Arch degree with minors in Neuroscience for Architecture and Healthy Urbanism from the NewSchool of Architecture & Design, and a B.Arch degree from the Thanlyin Technological University (Yangon, Burma). His empathetic approach to the architectural profession builds upon his sensitivity and passion towards humanitarian aspects of design. His current works range from housing slums in Yangon (Burma) to net-zero affordable and luxury residences in San Diego. He has worked with professionals from multiple nations and made design proposals in Burma, Japan, Spain, and the United States.

He recently joined Sensory Inclusive San Diego and is responsible for researching and designing sensory-friendly learning facilities for people on the autism spectrum. He has an unyielding passion for Neuroscience for Architecture, and he is currently pursuing a post-graduate degree in Neuroscience and Education at TC, Columbia University in New York City. Arkar is fluent in Burmese and English and has basic knowledge of Hindi and Arabic.



Architect, Designer  
Website Design  
Communication with Speakers

### **Elena Längle - MSc in Architecture and Design**

Elena Sophia Längle is a designer who currently lives and works in Vorarlberg, Austria. After completing her bachelor's degree in architecture, she realized something was missing from the typical architectural education, such as a basic understanding of how humans perceive and interact with architecture. She then found the NewSchool of Architecture and Design in San Diego, which offered a Master's degree in Architecture with a focus on neuroscience.

Elena has always been fascinated by light. While she lived in California, she wrote her Master's thesis called "*Experience of Light, the role of natural light in understanding architecture as a cinematic experience.*" The thesis offered a strategy for helping architects to appreciate qualities of natural light and to foresee how future inhabitants will perceive light — and thus create positive experience. After graduation, Elena worked part-time as a research assistant for Sergei Gephstein at the Salk Institute for Biological Studies in La Jolla, and part-time in an architectural office. She presented her work at the AMPS Conference in Florida in 2019. In 2020 Elena returned to Austria, where her former University of Liechtenstein asked her to lecture on Architecture and Light. She took her students to Lech, a ski area in the Austrian Alps, the home to James Turrell's "Skyspace." As a guide of Lech's "Skyspace," she taught students about architecture and light, using "Skyspace" as a perfect place for appreciating qualities of light. Driven by curiosity, Elena continues to explore the fields of architecture, psychology and design. Since Fall 2020 she joined ACE, where she assists Tatiana Berger and functions as a co-host during the conferences. ACE is a working group of architects, urban planners, designers, scientists, authors and educators interested in improving the built environment. Their goal is to facilitate global educational initiatives at the interface of human sciences and architecture, to share expertise, to provide outreach to schools of design, to develop and curate resources for educators and students.



Architect, Researcher  
Student Enrollment

### **Elisabetta Canepa - MSc in Architecture and Design**

Elisabetta Canepa is an architect, researcher, and lecturer from Genoa, Italy. She is currently an EU Marie Curie Postdoc Fellow running the RESONANCES project ([www.resonances-project.com](http://www.resonances-project.com)). By experimenting with the synthesis between architecture and cognitive neuroscience principles, Elisabetta intends to analyze the emotional effects of architectural atmospheres combining self-report procedures and measurements of physiological responses and neural activation. She is currently working at K-State University (Manhattan, KS) under the supervision of Prof. Robert Condia and collaborating with the Brain, Body, Architecture Research (BBAR) Lab at Aalborg University (Denmark). Her host institution is the University of Genoa, where she is supported by the Departments of Architecture and Design (dAD) and Experimental Medicine (DIMES). She is also a faculty member in the Neuroscience Applied to Architectural Design (NAAD) Master's Program at the Luav University of Venice.

Elisabetta earned a Ph.D. in Architecture and Design Research (2019) and an MS in Architecture and Building Engineering at the University of Genova (2013). Her Ph.D. project about the emotional correlates of architectural atmospheres was awarded at the Salk Institute for Biological Studies (La Jolla, California) in September 2018 during the ANFA Conference Poster Competition.



Architect, Educator  
Marketing  
Coordination with Local Sites  
Communication with Speakers

### **Julia del Río - MSc in Architecture and Design**

Julia del Río is an Architecture Instructor at the Visual College of Art and Design in Calgary, Canada where she also works as a design consultant applying the concepts of "Neuroscience for Architecture" and "Healthy Urbanism" in order to create spaces that enhance users' physical and mental well-being by the study of how enriched environments affect brain's neuroplasticity and human behavior.

Originally from Spain, she obtained the degree of Bachelor in Architecture at the Universidad Europea in Madrid. She earned the degree of Master in Architectural Studies with a concentration in "Neuroscience for Architecture" from the NewSchool of Architecture and Design in San Diego. She also worked as a Teaching Assistant in an Architecture Theory class at the same institution.

Julia became a member of ACE (ANFA Center for Education) in September 2020. She has presented her research work "*Measuring the Influence of Daylight in Human Emotions*" at different platforms including HAVA Institute, "Congreso Latinoamericano de Neuroarquitectura" and "Bioconstrucción Futura".

Passionate about education, and deeply interested in empathy, embodiment, memory and emotion, she studies how these factors affect human perception of the built environment.



Designer, WELL AP  
Responsible for Sponsors

### Jessica Patrick - M.Arch

Jessica Patrick is dedicated to the research and design of spaces that enhance users' emotional, mental and physical well-being. She obtained her M.Arch degree concentrating in Neuroscience for Architecture from the NewSchool of Architecture + Design, where she began exploring the intersection of neuroscience and architecture. Her master's thesis, *Developing an Emotionally Intelligent Architectural Language: Raising E.Q. in Prison Architecture*, was awarded the 2019 AIA San Diego Student Design Award for research and design, and it was lauded for suggesting a new approach to design for those in correctional facilities. In this work, Jessica used research in neuroscience to break traditional forms of thought and to design for those who commit crimes. Jessica was a recipient of the Pillar's Scholarship to support her research in the *Intersection Between Neuroscience and Craftsmanship, Doing Work by Hand*, while at the summer course in Santiago de Compostela (Spain).

She was a presenter at the 2020 ANFA Conference, showcasing her work completed together with Eduardo Macagno, *Designing a Retirement Community; Minding the Hippocampus*, where design decisions are based around elements that may help in strengthening the hippocampus, a part of the brain that is adversely affected by dementia. To pursue her passion and to use these studies in practical ways, Jessica received WELL Accreditation, to help facilitate building certification to meet the International WELL Buildings Standards.

Jessica is preparing for her Architecture License while she works at HED (Harley Ellis Devereaux). Jessica received her B.A. in Italian Language and Literature, and she lived, worked, and studied in Italy for over four years, immersing herself in the humanities, languages, and Italian studies. She is a native English speaker and is fluent in Italian.



Artist, Entrepreneur  
Marketing  
Responsible for Sponsors

### Maria Pokrovskaya - MSc in Architecture and Design

Maria Pokrovskaya holds a Master of Architecture & Urbanism and a Master of Contemporary Art Practices & Science. She has worked as a Lecturer and Author of Programs at Moscow Architectural School MARCH, and as a guest professor at COMPOSTELA School, Spain. An expert in Education Digital Transformation, Maria is the founder and the CEO at Artclever (E-Learning Platform for Creative Industries). She is an Online Programs author and producer (for over 1000 students worldwide) and an author of professional articles and reviews.

Since 2009 she has taught and participated as an author and speaker in international art and educational events. Her awards as the founder of Artclever include the EdCrunch Award 2019 (1st place), Moscow East European Award, and an award at the Silicon Valley Open Doors Technology Investments Conference (SVOD) in Palo Alto, CA, USA (2019). Maria speaks Russian and English.

## SYLLABUS

LECTURES  
24h

The Moving Boundaries course will offer a series of masterclasses and lectures held by internationally recognized experts. Together, we will experience a new interdisciplinary perspective that has been emerging from the rapidly evolving collaboration between architecture and the “natural human sciences” (neuroscience, cognitive science, psychology, psychophysics, and experimental phenomenology, among others).

ROUNDTABLE DISCUSSIONS AND TALKS  
25h

Speakers, guests, organizers, and students will join roundtable discussions to converse all together. We promote the open and natural conversation format, inspired and encouraged by moderators and experts.

## WORKSHOPS

### 11h



To better comprehend the multisensory nature of the architectural design process and experience and develop a tectonic sense of architecture, the program includes immersive workshops with local builders, artisans, and artists. They will introduce the attendees to the primary materials employed in the old town of Santiago de Compostela and Porto, such as iron, stone, and carpentry. Students will gain a more comprehensive understanding of these cities and their traditional architectural culture.

## SKETCHING LESSONS

### 5h



Convinced of the importance of drawing as a tool to comprehend the history, the structure, and the architectural essence of a city, course participants will receive sketching lessons and go to different public spaces to experience live sketches outdoors.

## TOURS AND FIELD TRIPS

### 22h



The Moving Boundaries summer program takes advantage of the significant architectural heritage of every visited city by organizing field trips and guided tours, both all-around their iconic historical centers and inside some modern and contemporary masterpieces. The tours will be led by long-time professors or architects directly involved in the design of the buildings. In addition to a walking tour through the old town of Santiago de Compostela, guided tours will explore the works of world-renowned local architects, including Álvaro Siza Vieira (e.g., the Municipal Library of Viana do Castelo and the tidal pools of Leça da Palmeira), Eduardo Souto de Moura (e.g., the Municipal Stadium of Braga), Albert Viaplana (bus station in Santiago), and Manuel Gallego Jorreto (the National Museum of Pilgrimages in Santiago).



## WORKSHOPS

### 5 classes

#### **Santiago de Compostela, Spain**

Design and Mapping: 2 h

Stone Workshop: 2 h

Iron Workshop: 2 h

#### **Porto, Portugal**

Design and Mapping: 3 h

Carpentry Workshop: 2 h

## FIELD TRIPS

### 4 destinations

#### **Santiago de Compostela, Spain**

Two field trips: 9 h total

National Museum of Pilgrimages and Santiago, Manuel Gallego Jorreto

Galician Center of Contemporary Art (CGAC), Álvaro Siza Vieira

Santo Domingo de Bonaval Park, Álvaro Siza Vieira and Isabel Aguirre

Faculty of Information Science, Álvaro Siza Vieira

Bus station in Avenue Juan XXIII, Albert Viaplana

Walking tour of the city with speakers

#### **Minho Region, north Portugal**

Day trip: 4 h

Municipal Library of Viana do Castelo, Álvaro Siza Vieira

Municipal Stadium of Braga, Eduardo Souto de Moura

#### **Marco de Canaveses, Portugal**

One field trip: 3 h

Santa Maria Church and Parish Center, Álvaro Siza Vieira

#### **Porto, Portugal**

Two field trips: 6 h total

Historical Centre, Ribeira district

Serralves Museum of Contemporary Art and Gardens, Álvaro Siza Vieira

Boa Nova Tea House, Álvaro Siza Vieira

Swimming Pools in Leça da Palmeira, Álvaro Siza Vieira

# BUILDINGS

## Santiago de Compostela, Spain

National Museum of Pilgrimages and Santiago, Manuel Gallego Jorroto  
Galician Center of Contemporary Art (CGAC), Álvaro Siza Vieira  
Santo Domingo de Bonaval Park, Álvaro Siza Vieira and Isabel Aguirre  
Faculty of Information Science, Álvaro Siza Vieira  
Bus station in Avenue Juan XXIII, Albert Viaplana



## Minho Region, northern Portugal

Municipal Library of Viana do Castelo, Álvaro Siza Vieira  
Municipal Stadium of Braga, Eduardo Souto de Moura

## Marco de Canaveses, Portugal

Santa Maria Church and Parish Center, Álvaro Siza Vieira



## Porto, Portugal

Historical Centre, Ribeira district  
Serralves Museum of Contemporary Art and Gardens, Álvaro Siza Vieira  
Boa Nova Tea House, Álvaro Siza Vieira  
Swimming Pools in Leça da Palmeira, Álvaro Siza Vieira



# FREQUENTLY ASKED QUESTIONS

## Who is eligible to apply to the summer course?

*The course is open to architecture and design professionals, including architects, urban designers, landscape architects, historians, environmental and health experts, interior and product designers, cognitive scientists and psychologists, neuroscientists and anthropologists, as well as educators, graduate and postdoctoral students in these disciplines from anywhere in the world.*

## In what language will the course be conducted?

*Lectures, masterclasses, workshops, and roundtable discussions will all be conducted in English.*

## What will tuition cover?

*Tuition will cover lectures, masterclasses, workshops, field trips, roundtable discussions, and the certificate of completion. Tuition will also cover the bus trip from Santiago de Compostela to Porto, digital course materials, a hard copy of the *Moving Boundaries* publication, and access to faculty and speakers during social events outside of class.*

## Can I receive credits for attending?

*Credits for the program need to be approved by the university you are currently attending. Check with your academic advisor regarding the procedure for obtaining credits since some institutions require that credits be approved prior to enrolling in the program. Practicing architects may apply for AIA learning credits. A Syllabus with a summary of all activities and list of course hours will be provided.*

## How do I get to Santiago de Compostela and when can I purchase tickets?

*The fastest way to reach Santiago de Compostela is by plane, to the Santiago–Rosalía de Castro Airport (SCQ). The airport is about 12 kilometres from the city center. Other airports nearby are: A Coruña (LCG, 62 kms), Vigo (VGO, 91 kms), and Porto (OPO, 280 kms). The airlines that fly directly to SCQ are Iberia, Spanair, AirEuropa, Vueling, Ryanair, Easyjet. Least expensive routes will transit in Lisbon, London or Madrid, switching to a budget airline to SCQ. You can also travel by train. Information about taking the train can be found at [www.renfe.com](http://www.renfe.com). There are two trains daily that travel to Santiago de Compostela from Madrid; the trip takes about 6 hours (you can take an overnight train).*

## What supplies will I need to bring?

*A notebook, pens, and sketching materials should suffice, but we highly recommend bringing a laptop computer or a tablet computer to access course materials from the website.*

#### How will lodging and meals be arranged?

*Students are responsible for arranging their own lodging and meals. Moving Boundaries will provide a list of suggestions in Santiago de Compostela and Porto.*

#### How much will it cost to attend?

*Meals and lodging options in Santiago de Compostela and Porto are reasonable. You can find the breakdown of average expenses for 12 days in Porto and Santiago de Compostela in page number 58. Please note that Tuition Fees is excluded in this cost breakdown.*

#### Does the course have a scholarship program?

*Yes, 5 full tuition and 5 partial tuition scholarships will be provided.*

#### What resources will be offered before and during the course?

*All students will have access to a detailed course program, the brochure with abstracts of presentations, a collection of digital resources that include articles, book chapters and video lectures, and a course reader. After the course, students will have access to selected recordings from the course and a hard copy of the course publication produced during the course. Additionally, students will have access to a group communication platform, where they will be able to interact with one another and to uphold their network, during and after the on-site program.*

#### Who are the speakers and how much access will I have to them throughout the course?

*You will have access to speakers during all course activities and social events, including occasional meals and coffee breaks, throughout the two weeks. Find the list of speakers and their bios in page number 27.*

#### Will there be free time and can I explore other locations during the course?

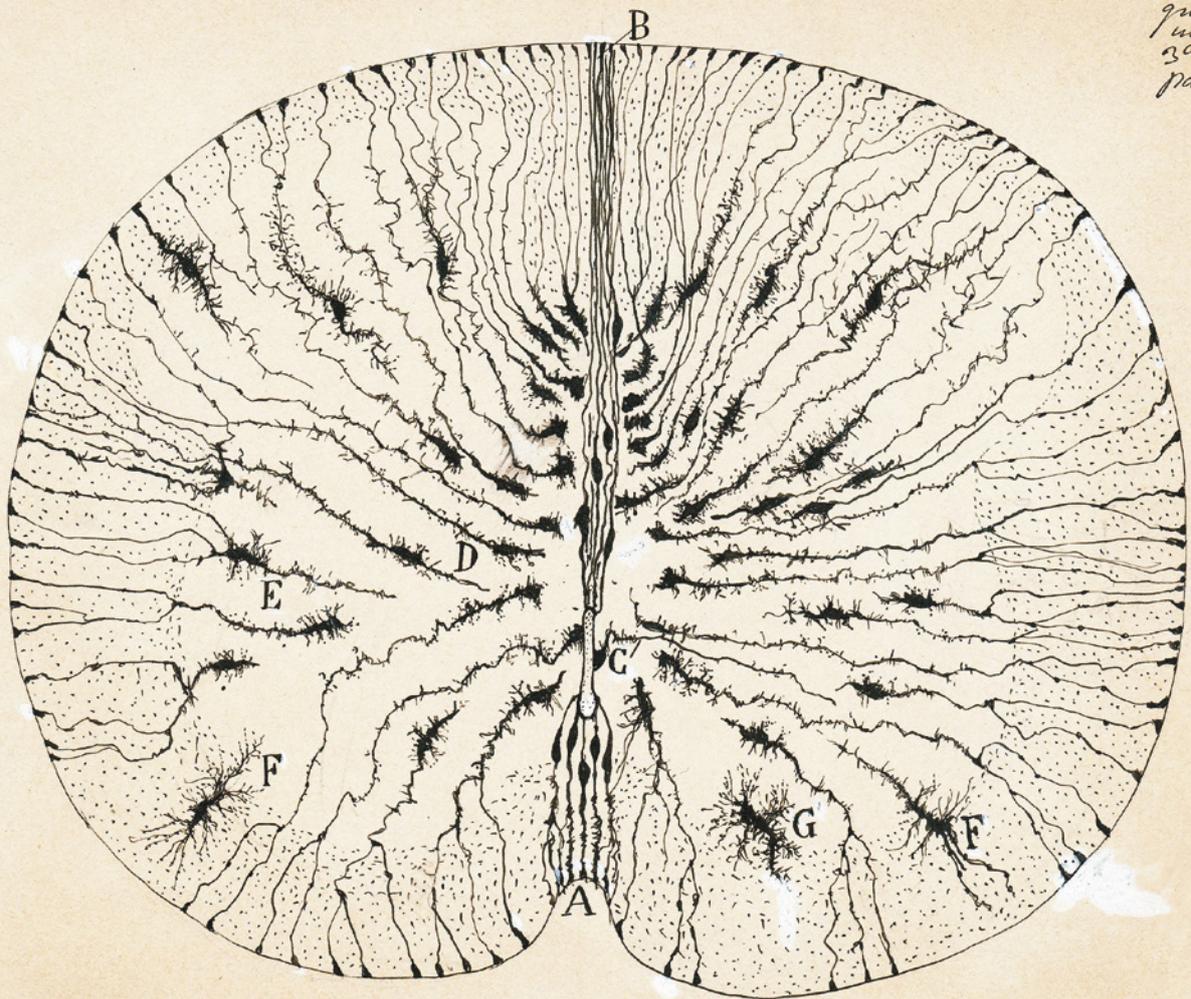
*Yes, there will be free time. Please refer to the schedule of the program. We do encourage you to explore the local culture, neighbourhoods and cuisines. If you would like to visit additional cities, we encourage you to do so before or after the 2-week course.*

#### Will I need to show proof of vaccination to attend?

*It is mandatory to show the proof of vaccination. This will also be one of the required documents to provide at the airlines or at the border entry to EU countries. Please check with your airline and the Consular of Spain and Portugal.*

Can I bring family or friends with me?

Yes, family and friends may travel with you, and they are welcome to join social events during the course, but they may not attend lectures, workshops or roundtable discussions.



# ESTIMATING THE TRAVEL BUDGET

## Traveling from U.S. and Canada

<i>Roundtrip airfare</i>	\$ 700	from West Coast	(LAX to NYC; NYC to Porto)*
	\$ 400	from East Coast	(NYC to Porto)*

## Traveling from Europe

<i>Roundtrip airfare</i>	\$ 70—90	from Spain (Madrid; Barcelona)
	\$ 70—200	from United Kingdom (London)
	\$ 100—200	from France (Paris)
	\$ 150—250	from Italy (Rome; Milan)
	\$ 200—300	from Germany (Berlin; Munich)
	\$ 300—400	from Denmark (Copenhagen)
	\$ 400—500	from Finland (Helsinki)

## Traveling from Russia

<i>Roundtrip airfare</i>	\$ 275	(Moscow to Madrid)*
	\$ 400	(Saint Petersburg to Madrid)*

## Traveling from Brazil

<i>Roundtrip airfare</i>	\$ 590	(São Paulo to Madrid)*
	\$ 690	(Rio de Janeiro to Madrid)*

**\* NOTES** Least expensive routes will transit in Lisbon, London or Madrid, switching to a budget airline to the Santiago — Rosalía de Castro Airport (SCQ). The cheapest prices from the U.S. are currently to Porto. Prices shown above are lowest as of 15 September 2021 and will change over time

## Lodging and meals

<i>Lodging</i>	\$ 750	(high price for 11 nights)
	\$ 450	(budget price for 11 nights)
<i>Meals</i>	\$ 500—600	(12 days)

# THANK YOU

Grazie  
Merci  
Gracias  
Obrigado

ありがとうございました

The Moving Boundaries Summer Program would not happen without the support of our Sponsors and Donors. Your contribution helps to support our speakers and provides scholarships for our participants. Your generosity also helps to distribute the content of this course throughout the architectural and scientific communities.



On the following pages, we pay tribute to our Sponsors and Donors, who make it possible for us to share new knowledge with the larger community of designers and scholars.

Спасибо  
Danke  
Қуаауујуутайп

# PARTNERS



## **CGAC - Centro Galego de Arte Contemporánea**

Space for cultural dissemination, created in 1993, whose function is to energize the current artistic panorama and reflect on the diversity of cultural conformations in contemporary society. Santiago de Compostela, Galicia, Spain



## **Casa da Arquitectura**

Nonprofit organization created in 2007 in Matosinhos, that has been asserting itself in the universe of creating and programming content and archives for the national and international dissemination of architecture in society. Matosinhos, Portugal



## **ANFA - Academy of Neuroscience for Architecture**

Nonprofit organization whose mission is to promote and advance knowledge that links neuroscience research to a growing understanding of human responses to the built environment.



## **Artclever**

International online platform for arts and digital education. Moscow, Russia. Portland, USA



## **Universidade da Coruña**

University of A Coruña. Spanish public university established in 1989. A Coruña, Spain



**IPOG - Institute of Postgraduate and Graduate Studies**  
Educational institution with experience in training professionals with solid profiles for the job market.  
Brazil



**MARCH - Moscow School of Architecture**  
Educational centre specialising in an international educational programme in the field of architecture and urbanism.  
Moscow, Russia



**Salk Institute**  
The Salk Institute for Biological Studies is a scientific research institute. Independent, non-profit institute founded in 1960 by Jonas Salk, the developer of the polio vaccine.  
La Jolla, San Diego, CA



**University of California, San Diego**  
The University California San Diego is one of the world's leading public research universities.  
La Jolla, San Diego, CA



**The Centre for Conscious Design**  
International grassroots think-tank working to address social issues and public health through conscious design



**NEUROAU**  
online space created to disseminate discussions about the possible connections between cognitive science and architecture, design and urbanism.

# SPONSORS

## REQUEST FOR SUPPORT

Moving Boundaries needs funding in order to support its ongoing success and growth. Funds raised will go directly towards the following items:

- Develop a full range of initiatives aligned with our Mission, along four lines of emphasis: Education, Research, Practice and Advocacy
- Establish a fund for future courses and workshops in diverse communities that have little access to this knowledge
- Establish a scholarship fund for students who cannot afford tuition
- Support young architects, designers, urban planners, historians and human scientists in Spain and Portugal allowing them access to this new exciting field and global network of educators and practitioners; Support rich cultural heritage of Galicia, Spain, Porto and Minho Region, Portugal.
- Create publications summarizing results of this work
- Allow the program to provide guided bus tours in the two course locations
- Develop and maintain the website, providing information and resources to educators and students online.

## DONOR BENEFITS

- Contributors of \$50 or more will be featured in our digital program brochure.
- Contributors of \$250 or more will be featured in our program brochure (digital and hard copy) and on the website.
- Contributors of \$500 or more will additionally have their logo and website address displayed in our program brochure and on the website. Contributors will also receive a hard copy of our course publication.
- Contributors of \$1000 or more will receive all benefits above and will additionally receive a book signed by one of the faculty members. Event hosts will thank contributors in their address to the audience, and their logo will be displayed at the opening event of the course in Galicia and again in Porto.
- Contributors of \$5000 or more will receive all benefits above and will additionally be invited to attend a dinner with several distinguished faculty of our course, at one of the course locations.

MOVING BOUNDARIES  
[www.mb2022.org](http://www.mb2022.org)