

# TEACHING-LEARNING-RESEARCH

## DESIGN AND ENVIRONMENTS

02-04 December 2020

Amps Manchester School of Architecture



## Welcome:

It is with great pleasure that we welcome you to the virtual conference TEACHING-LEARNING-RESEARCH: DESIGN AND ENVIRONMENTS.

The conference has attracted presenters from twenty countries, representing over ten discipline areas.

It uses a structure of parallel strands arranged around common themes. Presentations in each thematic strand come from a range of perspectives with the intention of facilitating the overlay, comparison and interchange of ideas from multiple fields of expertise.

On behalf of the conference organisers, we thank you for attending, hope you enjoy the event, and trust you will find it fascinating.

*Manchester School of Architecture (University of Manchester / Manchester Metropolitan University), AMPS.*

## How to join sessions:

In the programme you will find the links you will need to join: the introductory welcome; the keynote presentation; all pre-recorded presentations, every real-time Zoom session; and the Q&As. This programme is thus your '**entry portal**' to the conference itself.

Please remember that the talks and presentations scheduled for the two days of the conference will be live and are best accessed during the time slots outlined in the programme. All presentations last **20 minutes**. Subject to delegate permission they will be recorded and available to conference delegates after the event. All pre-recorded presentations will be available permanently after the conference.

We encourage you to view all pre-recorded presentations prior to the conference and read the abstracts of all papers available through the conference website.

We also remind you that presenters are requested to join their sessions 30 minutes prior to the start time for 'tech checks'. Audience members are asked to join 5-10 minutes before the scheduled start time.

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<b>DAY ONE</b> Dec 2nd		
1.00-1.30 pm	<b>Welcome and introduction [Join]</b> Professor Graham Cairns. Director, AMPS Professor Kevin Singh, Head of Manchester School of Architecture	
2.00-3.00 pm	<b>Keynote</b> Sally Stone. Reader in Architecture, Manchester School of Architecture  Keynote <a href="#">Q&amp;A Plus +</a>	
	<b>Urban + Regional Design [Join]</b>	<b>Teaching in History + Theory [Join]</b>
3.15-4.30 pm	<b>Vincent Hui et al.</b> Revitalizing Architectural Studio Culture in a Digital Learning Era <b>Carles Armengol &amp; Eulalia Gomez-Escoda.</b> Mixed-use Urban Project in Design Studios <b>Luisa Maria Calabrese &amp; Taneha Kuzniecowa Bacchin.</b> Innovation in Research & Education Pedagogies  <a href="#">Q&amp;A Plus +</a>	<b>Robert Gassner.</b> Dwellings and Memory – an Ethnography Workshop at BA1 in Architecture <b>Srivalli Pradeepthi Ikkurthy.</b> Ancient Indian Architecture History – A Three Parallel Approach <b>Shelley Martin.</b> How Soon Is Now? or, Intuition and Ideas  <a href="#">Q&amp;A Plus +</a>
	<b>Learning and Community [Join]</b>	<b>Film, Photography, Drawing [Join]</b>
5.00-6.15 pm	<b>Jitka Cirklova.</b> Engaged Photography as Urban Communication Platform in a Sustainable Development Context <b>John Casey &amp; Yüksel Demir.</b> Citizen Literacy: Designing Digital Infrastructures to Support Adult Literacy <b>Aurelie De Smet et al.</b> Architectural Design Service-learning as Critical Spatial Practice  <a href="#">Q&amp;A Plus +</a>	<b>Katarina Andjelkovic.</b> Teaching-research Framework in Architecture as a Means Towards Cinematic Design <b>Julian Lawrence.</b> 21st Century Winter Journey: Exploring Comics, Adaptation and Community Art Education <b>Susan Close &amp; Lindsay Mamchur.</b> Beyond the Frame: Collaborating on an Undergraduate Research experience  <a href="#">Q&amp;A Plus +</a>
	<b>Schools, Structures + Research [Join]</b>	<b>Narrative + Creative Practice [Join]</b>
6.45-8.00 pm	<b>Caterina Frisone &amp; Mark Shapiro.</b> Werner Seligmann and the Syracuse School of Architecture (1976-1990) <b>Victoria Jolley &amp; Laura Sanderson.</b> MSA Catalysts: Advanced Peer Learning through Vertical Group Projects <b>Jessica Pineda-Zumaran.</b> Introducing Research Thinking into the Architect's Mindset  <a href="#">Q&amp;A Plus +</a>	<b>Angeliki Sioli.</b> Drawing Out: Architectural Research and Education based on Literature <b>Anca Matyiku.</b> Storytellers & Outlaws: An Interdisciplinary Approach to Teaching as Research <b>Kasia Nawratek.</b> The Creative Edge: Cross Disciplinary Collaborative Projects as Laboratories for Future Creative Practice  <a href="#">Q&amp;A Plus +</a>
	<b>Design Studio for Change [Join]</b>	<b>Education + Covid-19 (i) [Join]</b>
8.30-9.45 pm	<b>Craig Deed et al.</b> Cardboard Architecture: A Multidisciplinary Response to Covid-19 <b>Mary Guzowski.</b> Biophilic Net-Positive Architecture: An Integrated Design Studio <b>Kristen Kelsch.</b> It's Elemental: Working Water into The Rising Studio  <a href="#">Q&amp;A Plus +</a>	<b>Thomas Joyce.</b> The Primordial Substitute Teacher and the Ideology of Students First <b>Pamela Monaco.</b> Flipped Classrooms to Flipped Colleges: Transitioning Faculty and Students During a Pandemic <b>Kristin Jones.</b> The Expanding Multi-Verse: Adapting to a New Culture of Learning  <a href="#">Q&amp;A Plus +</a>

DAY TWO Dec 3 <sup>rd</sup>		
	<b>Student Experience + Learning</b> <a href="#">[Join]</a>	<b>Teaching + Psychology</b> <a href="#">[Join]</a>
1.00-2.15 pm	<p><b>Emily Wettstein.</b> Student as Site: Embodied Landscape Research  <b>Mirko Daneluzzo &amp; Carlos Montana-Hoyos.</b> Merging Teaching &amp; Research in Foundation Courses for a New Interdisciplinary Design Education Program  <b>Anne Wagner &amp; Bettina Lamm.</b> Site Complexities and Learning Outcomes</p> <p><a href="#">Q&amp;A Plus +</a></p>	<p><b>Nicolai Bo Andersen &amp; Victor Boye Julebæk.</b> Spoken Matter - Towards a More Nuanced Understanding of the Vocabulary of Architecture  <b>Tatjana Leblanc &amp; Maxime Leblanc.</b> Categorization In Support of a Structured Ideation Process  <b>Ruth Neubauer &amp; Christoph Wecht.</b> Reconciling Research and Teaching as Learning in Design</p> <p><a href="#">Q&amp;A Plus +</a></p>
	<b>Perception, Experience, Space</b> <a href="#">[Join]</a>	<b>Methods of Teaching Modes of Learning</b> <a href="#">[Join]</a>
2.45-4.00 pm	<p><b>Erin Kennedy &amp; Jody Nyboer.</b> Making It Work: How Architectural Attributes Impact the Productivity of Design Students  <b>Tara Harb &amp; Tatjana Leblanc.</b> Concrete Perceptual Qualities: A Changing Paradigm?  <b>Jieling Xiao et al.</b> Challenges and Potentials of Transforming Soundscape Research to Revitalise Building Acoustics</p> <p><a href="#">Q&amp;A Plus +</a></p>	<p><b>Lisa Schrenk.</b> The Use of Exploratory Geographic Fieldwork Techniques in the Development of Observational and Analytical Skills in Students of the Built Environment  <b>Kit Peters.</b> Classroom Structures and Learning Sequences  <b>Carmen Miranda.</b> Final Projects and Deep Learning Theories</p> <p><a href="#">Q&amp;A Plus +</a></p>
	<b>'Live' Projects</b> <a href="#">[Join]</a>	<b>Materials + Fabrication</b> <a href="#">[Join]</a>
4.30-5.45 pm	<p><b>Sally Stone et al.</b> The Shrewsbury Test: Mapping Live Impact and Vertical Variants  <b>Peter Russell &amp; James Brown.</b> When Design-Build Met the Live Project - or - What Is a Live-Build Project Anyway?  <b>Jeff Marks.</b> On Site Teaching and Learning</p> <p><a href="#">Q&amp;A Plus +</a></p>	<p><b>Rab McClure.</b> Portable Dovecotes—Classroom-Driven Research  <b>Morten Birk Jørgensen &amp; Stine Sundal.</b> Architectural Biopsies  <b>Keith Kaseman.</b> Mixed Reality Design-Production Research through Cooperative Lab and Studio</p> <p><a href="#">Q&amp;A Plus +</a></p>
	<b>Design Studio</b> <a href="#">[Join]</a>	<b>Studio Teaching - Studio Theories</b> <a href="#">[Join]</a>
6.15-7.30 pm	<p><b>Klaske Havik et al.</b> Educating for a Democratic Practice of Architecture  <b>Sandra Denicke-Polcher et al.</b> Regenerating Under-populated Areas through Participatory Architecture, Raising Social Capital and Creating a "Home" for Refugees  <b>Rebekah Radtke &amp; Gregory Luhan.</b> Global Approaches to Local Issues: A Trans-scalar Approach to Interdisciplinary Design</p> <p><a href="#">Q&amp;A Plus +</a></p>	<p><b>Radoslav Zuk.</b> Image, Organization and Nine Systems of Built Form: A Conceptual Structure for Architectural Design and Research.  <b>Charalampia Sidiropoulou &amp; George Topalidis.</b> Un-settled Discourses; Classroom Space as a Sign of Multimodal Design  <b>Stella Pangilinan et al.</b> Embedding Studio Cultures Online</p> <p><a href="#">Q&amp;A Plus +</a></p>
	<b>Sustainability + Teaching</b> <a href="#">[Join]</a>	<b>Applied Project Learning</b> <a href="#">[Join]</a>
8.00-9.15pm	<p><b>Tobias Danielmeier.</b> Critical Analysis of Learning Outcomes Gained During a Solar Decathlon: A Case Study Approach  <b>Irene Perez-Lopez.</b> WaterLand: Designing in the Threshold Between Land and Water  <b>Andy Miller.</b> Creaturelystories: Digital Storytelling Techniques for Ecological Thinking in Spatial Design Pedagogy</p> <p><a href="#">Q&amp;A Plus +</a></p>	<p><b>Manuela Madeddu &amp; Johanna Muszbek.</b> From Flats to Policies: Breaking the Boundaries Between Disciplines  <b>Katie Graham.</b> The Use of Project Management in Art@NAC  <b>Fanke Peng.</b> Advance Social Innovation and Sustainability: Problem-Based learning in Service Design Pedagogy</p> <p><a href="#">Q&amp;A Plus +</a></p>

DAY THREE Dec 4 <sup>th</sup>		
	<b>Teaching + Social Agendas</b> <a href="#">[Join]</a>	<b>International Perspectives</b> <a href="#">[Join]</a>
1.00- 2.15 pm	<p><b>Marta Serra-Permanyer &amp; Roger Sauquet-Llonch.</b> Training Future Architects through Professional Responsibility</p> <p><b>Bettina Lamm et al.</b> Design Pedagogics, Community Development &amp; Research Practice</p> <p><b>Maria Hadjisoteriou &amp; Yiorgos Hadjichristou.</b> Living Where the Immaterial Matters - Towards the Commons</p> <p><a href="#">Q&amp;A Plus +</a></p>	<p><b>Sumitra Nair et al.</b> Speculations on an Urban Design Toolbox for Postcolonial Network Cities</p> <p><b>Caroline Donnellan.</b> Study Abroad Teaching: London Architecture and Urbanism</p> <p><b>Arian Heidari Afshari &amp; Angel Cordero Ampuero.</b> Founded Architecture: Reflections on How Intensive Online Workshops Could Shape a New Education Culture</p> <p><a href="#">Q&amp;A Plus +</a></p>
	<b>Work + Education</b> <a href="#">[Join]</a>	<b>Education + Covid-19 (ii)</b> <a href="#">[Join]</a>
2.45- 4.00 pm	<p><b>Leonard Shedletsy et al.</b> Launching Into Life After College: Imagining What we Don't Know</p> <p><b>Alex Lobos &amp; Daniela Steinsapir.</b> A Collaborative Framework for Role-Based Credentialing Systems</p> <p><b>Al Moataz Hassan.</b> Work Integrated Learning in Practice: Challenges and Opportunities for a Quality Learning and Teaching</p> <p><a href="#">Q&amp;A Plus +</a></p>	<p><b>Andre Casteiao &amp; Susana Barreto.</b> Teaching Online: The Paradigm of Higher Education in Design in Times of Pandemic</p> <p><b>Aliye Ceren Onur.</b> Evaluation of an Online Urban Design Studio Process During Covid-19 Pandemic</p> <p><b>Galit Shvo &amp; Jonathan Ventura.</b> Virtual Materiality: Design Pedagogy in the Age of COVID-19</p> <p><a href="#">Q&amp;A Plus +</a></p>
	<b>Teaching + Technology (i)</b> <a href="#">[Join]</a>	<b>Education + Covid-19 (iii)</b> <a href="#">[Join]</a>
4.30- 5.45 pm	<p><b>Burcu Nimet Dumlu.</b> Scale and Presence Perception in Virtual Reality: A Pavilion Design Process</p> <p><b>Kai Reaver.</b> Teaching Urbanism, Architecture, and Landscape Architecture Through AR</p> <p><b>Vincent Javet.</b> Digital Topographies: Remote-Online Spot Elevation Surveying as a Learning Method</p> <p><a href="#">Q&amp;A Plus +</a></p>	<p><b>Reinout Kleinhans.</b> Bridging the Social Distance. Using Customised Digital Platforms to Enable Community Engagement</p> <p><b>Victoria Jones.</b> Sustainability and Resilience: The Importance of Educators' Resiliency in the Uncharted Territory of Online Learning</p> <p><b>Hasane Ceren Cindioglu.</b> Social Presence, Pseudo-Presence, and Interactivity in Online Design Studios</p> <p><a href="#">Q&amp;A Plus +</a></p>
	<b>Anthropology, History, Culture</b> <a href="#">[Join]</a>	<b>Landscape Studios</b> <a href="#">[Join]</a>
6.15- 7.30 pm	<p><b>Olly Gruner &amp; Dan McCabe.</b> Visions of the Past: The Graphic Design Student as Historian</p> <p><b>Jorge Pereira et al.</b> Anti-amnesia as a Lever for Active Pedagogy: Articulating Design and Media Towards Craft and Industrial Heritage</p> <p><b>Raymond Lucas.</b> Educating Attention: Teaching Anthropology to Architects and Teaching Architecture to Anthropologists</p> <p><a href="#">Q&amp;A Plus +</a></p>	<p><b>Richard Brook &amp; Luca Csepely-Knorr.</b> Land.Arch.Infra: Synergies Between Teaching and Research</p> <p><b>Mick Abbott et al.</b> Shaping the Taskscape: Design-Directed Methods at the Intersection of Teaching and Research on Landscape</p> <p><b>Ljiljana Cavic.</b> Concepts of Space, Landscape and Place in Methodology of Architectural Design Studio</p> <p><a href="#">Q&amp;A Plus +</a></p>
	<b>Theories in + Through Design</b> <a href="#">[Join]</a>	<b>Socio-Politics</b> <a href="#">[Join]</a>
8.00- 9.15pm	<p><b>Gregory Hurcomb.</b> Post-Disciplinary Futures: For the Best Way to Predict the Future is to Make it</p> <p><b>Michael Jasper.</b> Notes on the Event in Two Unpublished Projects of Peter Eisenman</p> <p><b>Ross Smith &amp; Cecilia De Marinis.</b> Architecture Design Studio as Research Incubator</p> <p><a href="#">Q&amp;A Plus +</a></p>	<p><b>Gail Parminter.</b> 'Doing Gender' on a Creative Course: An Auto-ethnographical Approach</p> <p><b>Richard Hudson-Miles.</b> The Pedagogy of Pulling Down Statues</p> <p><b>Jason DeSantolo &amp; Jacqueline Gothe.</b> Decolonising Design Practices and Research: Reframing Design led Research Methods</p> <p><a href="#">Q&amp;A Plus +</a></p>

# PRE-RECORDED PRESENTATIONS

+ FILMS



	<b>Art Architecture + Design Teaching (i) [View]</b>	<b>Education + Social Agendas [View]</b>
	<p><b>Zachary Porter.</b> Retooling the Classroom: Pedagogies of Making in the History/Theory Seminar</p> <p><b>Arnon Ben Israel.</b> Purple Mapping: Between the School, the City and Ourselves</p> <p><b>Ahmed Sherif et al.</b> Research Informed Healthcare Facilities Design: Integration of Dissertation Research with Senior Graduation Project Design</p> <p><b>Andrea Wilkinson.</b> Extending Beyond Practicing Practice: Identifying Variables that Can Disrupt Routine Design Education</p> <p><b>Francois Racine.</b> Teaching Urban Design: The UQAM Praxis III Studio Approach</p>	<p><b>Fatima Abreek-Zubiedat.</b> Education of Architecture as a Civilian Act of Producing Knowledge in Conflict Zones</p> <p><b>Brian DeLevie.</b> Critical Race Theory, Design Education, and Change</p> <p><b>Silvia Tedesco et al.</b> Moving from Learning to Doing: An Educational Experience of Temporary Tactical Action</p> <p><b>Christiane Wagner.</b> Media and Digital Interface: Designing Learning Spaces and Knowledge</p> <p><b>Cameron Van Dyke.</b> Inspiring Public Imagination through a Micro Eco Village for Students</p> <p><b>Andrew Gill &amp; Sadiyah Geye.</b> From Design Studio to Research Laboratory: An Interior Design Contribution to Urban Regeneration Studies</p>
	<b>Tech, Industry, Education [View]</b>	<b>Art Architecture + Design Teaching (ii) [View]</b>
	<p><b>M.F Yang Chen.</b> Virtual Reality in Design: A New Studio Environment</p> <p><b>Jonathan Rule &amp; Shalanda Revees.</b> Augmented Tectonics: Teaching Construction through Extended Realities</p> <p><b>Omid Rouhani.</b> Reflections and Learnings from Research Seminar Courses on UAE National Housing</p> <p><b>Charlie Smith.</b> Three Paths through the Forest: An Exploration of the Teaching-Research Nexus.</p> <p><b>Olivia Hamilton.</b> Commoning Design Pedagogy – the First-Year Experience</p>	<p><b>Stella Lange &amp; col Fay.</b> Role of the Prototype: Model as Noun-model as Verb</p> <p><b>Nikolas Ettel.</b> Using Film as Research Method for Students to Creatively Explore Hong Kong’s Urban Spaces</p> <p><b>Fan Zhang.</b> Understanding Undergraduate Architectural Students’ Perceptions about Evidence-based Design Philosophies</p> <p><b>Danika Chesney &amp; Albert C. Smith.</b> A Study of Modern Architectural Education: Connections to Bauhaus</p>
	<b>Environments of Learning [View]</b>	<b>Art Architecture + Design Teaching (iii) [View]</b>
	<p><b>Lori Cooper &amp; Karen Frantz Fry.</b> Student Course Attrition and Perceptions of Engagement in Relation to Classroom Learning Environment: A Mixed Methods Study</p> <p><b>Kelly Aliano &amp; Dongshin Chang.</b> Safe Rehearsal Space: A Hospitable Classroom Environment</p> <p><b>Eda Can &amp; Gökseven İnalan.</b> The Third Teacher: The Involvement of Children in the Design Process &amp; Assessing their Development</p> <p><b>Elia Ebrahimi Salari et al.</b> Vertical Schools and Mediated Spaces; The Necessity of Interaction with Natural Environment</p>	<p><b>Andrew Spowage.</b> Transitioning a Design Heavy TBL Module to Online Delivery in a Time of Crisis</p> <p><b>Amanda Roberts &amp; Shelley Doolan.</b> Improving the Entrepreneurial Capacity of Art &amp; Design Students through Problem Based Curricula and Multi-disciplinary Practice.</p> <p><b>Ben Powell &amp; Liana Psarologaki.</b> Pedagogy of Practice: Creating a Pivotal Culture for Learning Architecture.</p> <p><b>Helen O’Connor &amp; Kirsty Macari.</b> Re-inventing a Hybrid Profession</p> <p><b>Isabel Barbas.</b> Architectural Forest</p>

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