

ANFA 2021 SYMPOSIUM TENTATIVE SCHEDULE

September 16 – 18, 2021

Day One, September 16th

- 8:00 am **Registration**
- 8:30 am **Welcome: What is a Quantified Building?**
David Kirsh, PhD, ANFA President
- 9:00 am **Featured Speaker: Nick Tyler**
Nick Tyler is Director of the Centre for Transport Studies at University College London (UCL) and Chadwick Chair of Civil Engineering. His research explores how people interact with their immediate environments.
- 10:00 am **Break**
- 10:15 am **Paper Session I: Visual Experiences**
 - Heshmati, Matusiak: *Biometric Architecture: Impact of Available Interior Daylighting on Photoentrainment*
 - Karmann, Chamilothori, Schoenmakers: *Using VR to Assess Visual Attraction and Perceived Interest in Daylit Scene Variation*
 - Park, Gero, Krukar, Brösamle, Hölscher: *Comparing Architecture Students' Visual Perception between Abstract and Detailed Plans*
 - Jain, Weinold, Andersen: *Glare Assessment in a Daylit Workplace from a Physiological Perspective*
- 11:15 am **Paper Session I Question & Answer period**
- 11:45 am **Break**
- 12:45 pm **Panel A: TBA**
David Kirsh, Virginia de Sa, Andrea Chiba
- 1:45 pm **Panel A Question & Answer period**
- 2:15 pm **Poster Session I** (15 posters, with live chat)

3:30 pm **Break**

3:45 pm **Paper Session II: Experience of Large Spaces**

- Jens, Kirsh: *Learning from human behavior: An empirical study of flows and occupancy patterns in indoor environments*
- Nanda, Chilukuri, Macagno, Jakubisin, Smith, Hoelting, Soleimani, Greiving: *UCSD Live-Learn Lab: A Campus Where Students Link Built Environment to Health & Wellbeing Outcomes*
- Kolstad, Clark, Ramer, Smith: *Envisioning the Future of Work for Ford Motor Company*

4:30 pm **Paper Session II Q & A**

5:00 pm **End of Day One**

Day Two, September 17th

8:30 am **Announcements and recognitions**

Laura Wolszon, PhD and Kurt Hunker, FAIA, Conference Co-Chairs

9:00 am **Featured Speakers: Niall McLaughlin/Kate Jeffrey**

Niall McLaughlin is an award-winning architect and Professor at the Bartlett School of Architecture at UCL. A focus of his practice involves designing for dementia. Kate Jeffrey is Professor of Behavioural Neuroscience at UCL, studying how the brain encodes three-dimensional space.

10:15 am **Break**

10:30 am **Paper Session III: Mapping Responses to Space**

- Mejia-Puig, Korneva, Chandrasekera: *Assessing Architectural Designs through Virtual Reality and Functional Near-infrared Spectroscopy: A Perceived Retail Crowding Case Study*
- Safavi, Gholami, Askari, Fattahi, Nami, Kamali, Soltani-Sarvestani: *A Novel Inclusive Method in Architectural Behavioral Mapping Based on Neuro-cognitive, Climatic and Spatial Data Correlates*
- Heisserer, *Mobile Mapping – Mapping Indoor Environmental Quality Data through Photogrammetry*
- Stancati: *Augmenting Spatial Perception with Artificial Neural Networks to Build Synthetic Cognitive Maps*

11:30 am	Paper Session III Q & A
Noon	Break
1:00 pm	Panel B: TBA Upali Nanda, Nicholas Watkin, Daniel Davis; Moderator: Fred Marks
2:00 pm	Panel B Q & A
2:30 pm	Poster Session II (15 posters, with live chat)
3:45 pm	Break
4:00 pm	Paper Session IV: Recording the Human Experience <ul style="list-style-type: none"> • Banasiak: <i>Using wearables in design practice to collect human-environment data</i> • Canepa, Centanaro, Minucciani: <i>The Language of Data in the Exhibition Discourse</i> • Ghandi, Blaisdell, Ismail: <i>Tangible Reverberations of Mind</i>
4:45 pm	Paper Session IV Q & A
5:15 pm	End of Day Two: ANFA's Virtual Happy Hour

Day Three, September 18th

8:30 am	Announcements Members of the Executive Committee of ANFA
9:00 am	Featured Speaker: Patrik Schumacher <i>Patrik Schumacher is an internationally recognized architect, theorist and writer and Principal of Zaha Hadid Architects. His work focuses on new directions in architecture.</i>
10:15 am	Break
10:30 am	Paper Session V: Design Elements

- Canakcioglu, Unlu: *Examining the Radically Changing Perceptions of Pediatric Inpatients in an Oncology Healthcare Setting*
- Presti, Ruzzon, Caruana, Vecchiato: *Architectural Forms' Impact on Perceived Valence and Arousal of Virtual Environments*
- Espinoza, Loetcher, Pickersgill: *VR Investigations of Spatial Awareness in High-Rise Office Design*
- Milne, Condia, Negami, Gluckselig: *The Effect of Spatial Ambiguity on Creative Modes of Thinking*

11:30 am **Paper Session V Q & A**

Noon **Break**

1:00 pm **Poster Session III** (15 posters, with live chat)

2:15 pm **Break**

2:30 pm **Paper Session VI: Meeting the Technological Challenge**

- Del Campo, Manninger: *Convolutions of Architecture - The Problem of Interior and Exterior Conditions in Designing with Graph Convolutional Neural Networks*
- Zou, Ergan: *Classifying Human Experience in Virtual Environments Using Effective Sensor Signals*
- Moreno, Zuanon: *Design-neuroscience Alliance for Mitigating Cybersickness Symptoms in 3D Immersive Experience Designed for Head-mounted Displays*

3:15 pm **Paper Session VI Q & A**

3:45 pm **Closing remarks**
Members of the Symposium Committee

4:15 pm **End**