An ANFA conference like no other. Eight keynote teams, handpicked from prestigious research labs and design firms worldwide, will present cutting-edge research findings and share insights on the future of neuro-architecture. Join us and redefine the future of our built environment.

**ARUP**

**Discover the Evolving World of Sensory-based Design at ARUP**
- Using multisensory simulations (hearing, feeling, vision) to communicate project experiences
- Integrating biometric monitoring, surveys, field measurements into project delivery
- Case studies: biophilic design, health impacts of light and sound, urban lighting

**HKS**

**Neuroscience Informed Research in Practice – A Look Behind the Curtain**
- Applied and coalition-based research methods throughout the project life cycle
- Case Studies: healthcare, education, workplace design
- Measurement tools and frameworks of research-informed approaches

**edra**

**Showcasing Intersections of Research and Art across EDRA & ANFA**
- Designing for Alzheimer’s patients
- Therapeutic environments using sensor data and BIM
- Pediatric patient room design using immersive technology and biofeedback
- Neuro-inclusive outdoor spaces research

**UNIVERSITY OF CAMBRIDGE**

**Neurocognition for Human-Centred Architecture**
- Experts from cognitive science, architecture, space syntax, psychology examine individual and group perception, cognitive, behavioural, health outcomes of design
- Integrating empirical findings into architectural and urban design practices
- Impacts of evidence-based design on and communication

**UCL**

**New Understandings of Cognitive Maps in our Experience of Space**
- Spatial mapping in neurons and experiences of space, including social space(s), threshold space(s), liminal space(s), positive and negative space(s), atmospheres, eXtended space(s)

**UNIVERSITÀ DI PARMA**

**The Neurobiology of Physical and Social Affordances**
- Neural mechanisms and processes enabling individuals to perceive, process, and respond to social cues and opportunities for interaction (affordances)
- Social affordances in physical and virtual spaces

**Sorbonne Université**

**The Role of Visual Cues and Impact of Aging on Spatial Navigation Abilities**
- Aging and spatial navigation abilities
- Visual cues (geometric cues, landmarks) in guiding navigation behavior

**Urban Spaces, Brains, and Justice Rifts: Materialization of Afforded Mobility Injustice**
- Addressing design practices from a social justice standpoint to foster inclusive, compassionate urban environments
ANFA 20th Anniversary Conference
September 13th - 16th, 2023
San Diego, California
Register: https://anfarch.org/events/2023conference

Wednesday, September 13th
12:00 - Registration Opens
1:00 - 2:30 - Biometric Sensor Demonstrations
2:30 - 3:00 - Welcome + Introduction Session
3:00 - 4:45 - EDRA: "Showcasing Intersections of Research & Art from EDRA to ANFA" Lindsay McCunn; Colin Polworth; Haripriya Sathyaramanan; Heidi Einik; Kathryn Finnigan
5:15 - 7:00 - Poster Session 1 + Wine Social

Thursday, September 14th
8:30 - 10:15 - UCL: "New Understanding of the Role of Cognitive Maps in our Experience of Space"
Fiona Zisch; Sean Hanna; Kate Jeffery; Sam McElhinney; Hugo Spiers
10:45 - 12:30 - Paper Session 1
12:30 - 2:15 - Lunch + Poster Session 2 + Biometric Sensor Demonstrations
2:15 - 4:00 - University of Parma: "The Neurobiology of Physical and Social Affordances"
Vittorio Gallese; Luca Bonini; David Kirsh
30 min Networking Break
4:30 - 6:15 - ARUP: "Discover the Evolving World of Sensory-based Design"
Shane Myebek; Roj Patel
6:45 - 9:30 - ANFA Anniversary Banquet, Banquet Presenter: Raymond Neutra

Friday, September 15th
8:30 - 10:15 - Sorbonne University: "The Role of Visual Cues and Impact of Aging on Spatial Navigation Abilities"
Angelo Avolio; Marom Aikachroum; Denis Sheynikovitch
30 min Networking Break
10:45 - 12:15 - Paper Session 2
12:15 - 2:00 - Lunch + Poster Session 3 + Biometric Sensor Demonstrations
2:00 - 3:45 - Aalborg University: "Urban Spaces, Brains, and Justice Riffs: Materialization of Afforded Mobility Injustice"
Lars Bronn Ficlis; Titta Dorken; Ole Jaakob Jensen; Gudrun Djebbat; Asbjørn Christian Christensen; Dylan Chau Huygens; Ole B. Jensen
4:00 - 4:15 - Ice Cream Social
4:15 - 6:00 - HKS: "Neuroscience Informed Research in Practice - A Look Behind the Curtain"
Upali Nanda; Deborah Wingler
6:00 - 7:00 - Excursion to Salk Institute for 6:55 sunset (optional)

Saturday, September 16th
8:30 - 10:15 - University of Cambridge: "Neuroecognition for Human-Centred Architecture"
Michael Gath-Morad; Christoph Holtscher; Panos Mavros; Ruth Connolly-Deaton
10:45 - 12:30 - Panel Discussion & Q&A
12:30 - 2:30 - Hands-on Biometric Sensor Demonstrations

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Idyllic beaches, turquoise waters, perfect weather...

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behavior in the built environment: measuring, modeling, theorizing.