

INTERNATIONAL WORKSHOP

20-25.06.2022

School of Architecture of Nantes



A psycho-architectural approach to urban design

The International Workshop offers an innovative and interdisciplinary perspective related to theoretical and methodological aspects in the field of urban simulation and urban design, emphasizing the contribution of informatics and psychology in developing places conjugating human wellbeing and environmental sustainability. The approach is consistent with human-centered design, which considers subjective emotional, cognitive, behavioral, and sensory aspects to describe people's relationship with the environment. A specific focus is devoted to Virtual Reality and Augmented Reality simulation techniques as a support for co-design activities.

The *Centre Hospitalier Universitaire* (CHU) of Nantes and its neighborhood is the case study of the workshop. The CHU Nantes will move to a new site in 2026, and its current site is, from now on, part of a large-scale participative debate on the renewal of the city center. This site is strategic for the city of Nantes from both an urban (articulation of the city-center with the Loire riverbank) and architectural (the renovation of this remarkable after WWII building) perspective.

TEACHERS & TUTORS

ITALY

Marco Boffi Università degli Studi di Milano (UNIMI) [Coordinator]

Barbara E. A. Piga, Gabriele Stancato Politecnico di Milano (POLIMI) – Lab. di Simulazione Urbana F.C.

FRANCE

Thomas Leduc, Ignacio Requena-Ruiz, Myriam Servières, Daniel Siret, Vincent Tourre Laboratoire AAU [Ecole Nationale Supérieure d'Architecture de Nantes (ENSAN) and Ecole Centrale Nantes (ECN)]

GREECE

Nicolas Remy, Aris Tsangrassoulis University of Thessaly (UTH)



UNIVERSITÀ DEGLI STUDI
DI MILANO



POLITECNICO
MILANO 1863

laboratorio di simulazione urbana
Fausto Curti

AAU
ambiances
architectures
urbanités



→ nantes
ensa
→ architecture
Nantes
Université

CENTRALE
NANTES



UNIVERSITY OF
THESSALY

ARTEFACTO

ARTEFACTO
AUGMENTED REALITY

City Sense

EXPERIENCING NANTES



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info marco.boffi@unimi.it

Online preliminary workshop

Tuesday, 14th June 2022 \ h 9.30-11.30

- 09.30 – 09.45 | Introduction to the summer school and the workshop activities [M. Boffi]
- 09.45 – 10.00 | Presentation of the international workshop program [M. Boffi]
- 10.00 – 10.15 | The exp-EIA method and the City Sense app [B. Piga]
- 10.15 – 10.30 | The Echo app for augmented urban soundscapes [N. Remy]
- 10.30 – 10.45 | The Blindfolded walking experience [I. Requena]
- 10.45 – 11.15 | Students' presentation
- 11.15 – 11.30 | Questions and closing

Workshop in Nantes

Classroom reserved for all the week at the ENSA Nantes: **1B10**

Monday, 20th June 2022 \ 15:00 – 19:00

- 15:00 – 16:00 | Welcome & "Introduction to experiential walk" [B. Piga & D. Siret]
 - 16:00 – 16:30 | Groups formation
 - 16:30 – 19:00 | Evening Experiential walk with the City Sense app
- From 19:00 Joint dinner along the river*

Tuesday, 21st June 2022 \ 09:00 – 18:30

Morning

- 09:00 – 11:00 | Experiential walk with the City Sense app
- 11:00 – 11:30 | Back to the School of Architecture
- 11:30 – 12.30 | Classwork Assignment

Afternoon

- 13.30 – 14.30 | Classwork: individual work on the walking experience
- 14.30 – 16.30 | Remote Lesson: "Soundscapes, sound walks and urban design" [N. Remy, A. Tsangrassoulis]
- 16.30 – 18.30 | Classwork: sharing of the individual experiential walk

Wednesday, 22nd June 2022 \ 09:00 – 18:30

Morning

09:00 – 11:00 | Augmented soundwalk

11:00 – 11:30 | Back to the School of Architecture

11:30 – 12:30 | Classwork: the sensory experience (teamwork)

Afternoon

13:30 – 17:30 | Classwork: the sensory experience (teamwork)

17:30 – 18:30 Lesson “Blindfolded Urban Experience” [A. Pillot & I. Requena]

Thursday, 23rd June 2022 \ 09:00 – 18:30

Morning

09:00 – 11:00 | Blindfolded Urban Experience

11:00 – 11:30 | Back to the School of Architecture

11:30 – 12:30 | Classwork: the sensory experience (teamwork)

Afternoon

13:30 – 18:30 | Classwork: the sensory experience (teamwork)

Friday, 24th June 2022 \ 09:00 – 18:30

Morning

09:00 – 09:30 | Lesson “The experience of places: theoretical and methodological aspects in a psychological perspective” [M. Boffi]

09:30 – 10:30 | Presentation of the results of City Sense [M. Boffi & B. Piga]

10:30 – 12:30 | Classwork: the sensory experience (teamwork)

Afternoon

13:30 – 18:30 Group Classwork (representing the sensory experience)

Saturday, 25th June 2022 \ 09:00 – 12:00

Morning

09:00 – 10:00 | Setting up the final presentation

10:00 – 12:00 | Final Presentation by the participants and public discussion



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