



School of Architecture
17.05.2023 - 19.05.2023

“About Climatic Heterotopias”

Multiplier event
Seminar Series



“Juxtaposition & Unity” © Lazaros MAVROMATIDIS



Climatic Heterotopia

In the realm of the mind and the physical, where boundaries blur and social conventions fade away, lies the climatic heterotopia. It is a place of wonder and awe, where the laws of nature and society are bent to create a harmonious flow of energy and matter. Inspired by the heterotopia concept of Foucault this highly symbolic realm is designed to facilitate the flow of life force, pulsing and throbbing in harmony with the rhythm of the universe. It is a space where the environment is revered and cherished, and the physical design of the space is a masterpiece of art and engineering, perfectly balanced and intricately woven to reduce energy consumption and minimize overall environmental impact. But it is not just the physical design that makes this place so special. It is the people who inhabit it, who are invited to create a socially different environment from the surrounding community, one that values sustainability, cooperation, and mutual respect. In the climatic heterotopia, nature and humanity dance together in a delicate, yet powerful embrace, harmonizing the physical and the mental, the individual and the collective, the present and the future. It is a vision of a world where life thrives, where beauty abounds, and where the rhythm of the universe is felt in every breath.

“Inward Nature”, © Lazaros MAVROMATIDIS



Seminar & Workshop Salle F 0.02

13h00 - Welcome Speech

13h30 - 14h00 : "Hazards of Climate Change on Architectural Heritage in Turkey"

Burcu Selcen Coskun

Associate Professor, PhD Architect, Mimar Sinan Fine Arts University Department of Architecture, Heritage Restoration Program

14h00 - 14h30 : "Life Cycle Assessment of Construction Materials Used in Heritage Architecture"

Nicolas Serres

Associate Professor, PhD Engineer, INSA Strasbourg, ICUBE Laboratory - UMR 7357

14h30 - 15h00 : "Composition Techniques for Architectural Design in Heritage Architecture : Utilizing Volumetric Toolkits to Mitigate Climate Change Impacts"

Lazaros Mavromatidis

Associate Professor, PhD & HDR Architect - Engineer, INSA Strasbourg, ICUBE Laboratory - UMR 7357

15h00 - 15h30 : "Creating Built Gestures: Physical Modeling in Shaping the Structure in Architecture"

Michal Pelczarski

PhD Engineer, Wrocław University of Science and Technology

15h30 - 16h00 : Pause - Coffee Break

16h00 - 17h30 : Workshop with the 1st year Architect-Engineer Students

"Crystal Mineral-Lit Luminescence" © Lazaros MAVROMATIDIS

International Jury

19.05.2023 / 13h00 - 19h00

Climatic Heterotopias in "Marché Gare" of Strasbourg

How to imagine the revival of the heritage site of the "Marché Gare" through ecological transition and urban agriculture? This question has been explored by 4th year architect-engineer students at INSA Strasbourg since October 2022 in an interdisciplinary architectural design workshop that creates educational synergies between architecture and engineering. The environmental and climatic dimension is integrated into the spatial reflections that will be presented: biosourced or recycled materials, reuse of resources, bioclimatic design, heating and air conditioning system by natural ventilation and thermal draft, photovoltaic greenhouses, aquaponics... A range of proposals off the beaten track, which mixes utopia and reality through imagination, architectural design and research, as well as technical solutions and innovations.

They will present their projects on Friday May 19, 2023 in front of an international jury. The defense is open to everyone.



"Water, Volume, Nature, Air" © Lazaros MAVROMATIDIS

International Jury Members

Professor **Luciano De Bonis**, UniMol
 Professor **Florence Rudolf**, INSA Strasbourg
Françoise Schaezel, City Council, City of
 Strasbourg, 7th Vice-President of the EMS and
 President of the Adeus
Christine Lollier-Brassac, Director of SAMINS
 Associate Professor **Burcu Selcen Coskun**, Mimar
 Sinan Fine Arts University
Michal Pelczarski, PhD Engineer, Wrocław
 University of Science and Technology
Gaëtan Bianconi, SAMINS
Muriel Temme, Agence Climat
 Professor **Giovanni Ottaviano**, UniMol
Brice Van Haaren, Adeus
Mathilde Wabartha, ATMO Grand EST
 Associate Professor, **Nicolas Serres**, INSA
 Strasbourg
 Professor **Rosella Nocera**, UniMol
 Associate Professor **Lazaros Mavromatidis**,
 INSA Strasbourg
Muriel Temme, Agence Climat
Silviu Bors, PhD Architect, FAU Cluj

Pedagogic Team 2022-2023

Main tutor : **Lazaros Mavromatidis** (Associate
 Professor, PhD & HDR Applied Thermal Engineer –
 Architect Engineer)

Participants :
Alexis Meir (PhD Architect),
Florence Rudolf (Full Professor, Sociologist, PhD &
 HDR),
Nicolas Serres (Associate Professor, Engineer PhD),

+ The English teachers who participated in the English
 course applied to the GC4 project

"Suspended Garden" © Lazaros MAVROMATIDIS

International Jury

12h45 : Arrival of participants - Welcome coffee

13h00 - 14:00: Brief Presentation of the Projects at the Urban Scale
 (7 minutes / project) / Plenary Jury Session N°1 / Salle F 0.01

1. Living the City: a Bubble in Strasbourg

Léonie DUJARDIN / Chloé LE SAUX / Emeline ROSAZ / Elise LOUVEL / Aurélie NGONGGANG / Apolline CLERC

2. Walk & Station (Marche et Gare)

Nathan BLOISE / Elise DE SEZE / Baptiste GAUMONT / Tom GROSSETETE / Mathieu SIMONIN / Lucas STRAUMANN

3. The Virtuous Island

Ivan GACHER / Lise HEGER / Axelle K'DVEL / Anne KIRRMANN / Lucie LANDAS

4. The Station Market Takes Root

Joan KOPPITZ / Justine PICARD / Thomas PHAM HUU / Johanna TOGNETTI

5. Self-Sufficiency in Urban Campus

Timoté SY / Tom CARIAT / Anne LE GUELLEC / Morgane PAPIN / Clarisse GUILLOIT / Killian BAUCOR / Benoit LAGARDE

6. Bee Hive

Nahikari BERECEBAR / Büsra ERCETIN / Amélie KIEFFER / Maëlle PIQUERET / Laura SOULE / Chloé VARLOTEAUX

7. The Journey is Also the Trip

Colin BERTIN / Louise HERMAN / Camille MARGERIE / Louise MILLET / Célestine RICHARD / Léo SCHLICK / Élise TEISSANDIER

14h00 - 14h30 : Coffee Break & Poster Exposition

14h30 - 18h30 : Jury Sessions (salles F 0.01 & F 0.02 / 4 Juries)

18h30 - 19h00 : Plenary Session & Jury's Feedback (Salle F 0.01)

"Concrete Cylindrical Serenity in the Absurd" © Lazaros MAVROMATIDIS

Jury N°1 - Salle F 0.01

President of the jury :
Professor **Luciano De Bonis**, UniMol

jury members:

- Professor **Florence Rudolf**, INSA Strasbourg
- **Françoise Schaezel**, City Council, City of Strasbourg,
7th Vice-President of the EMS and President of the Adeus
- **Christine Lollier-Brassac**, Director of SAMINS

1. "Container Unit for a United Social and Environmental Ecosystem"

Baptiste Gaumont / Lucas Straumann

2. "The Kitchen Garden Table"

Chloë Varloteaux / Maëlle Piqueret

3. "The Social Center of the Virtuous Island"

Ivan Gacher / Axelle K'Divel / Lise Heger

4. "Don't Get Cold !"

Elise De Seze

5. "The rural house"

Tom Grossetete

6. "Eco-village"

Benoît Laguarde / Killian Baucor

7. "Nameless Wonder"

Louise Herman / Colin Bertin

"Ascending Amidst Concrete Heights" © Lazaros MAVROMATIDIS

Jury N°2 - Salle F 0.01

President of the Jury:
Associate Professor **Burcu Selcen Coskun**, Mimar Sinan
Fine Arts University

jury members:

- **Michał Pelczarski**, PhD Engineer, Wrocław University
of Science and Technology
- **Gaëtan Bianconi**, SAMINS
- **Muriel Temme**, Agence Climat

1. "A Stride for the Stride"

Morgane Papin / Anne Le Guellec / Clarisse Guilloit

2. "The School of Tomorrow"

Louise Millet / Camille Margerie / Célestine Richard

3. "Hives"

Laura Soule / Amélie Kieffer

4. "Four Variations for Islanders"

Anne Kirrmann / Lucie Landas

5. "The Bush School"

Émeline Rosaz / Elise Louvel

6. "The Floral Spinning Mill"

Léo Schlick / Elise Teissandier

7. "A Natural Connection"

Johanna Tognetti

"Intersecting Realms & The Fusion of Floating" © Lazaros MAVROMATIDIS

Jury N°3 - Salle F 0.02

President of the Jury:
Professor **Giovanni Ottaviano**, UniMol

jury members:

- **Brice Van Haaren**, Adeus
- **Mathilde Wabartha**, ATMO Grand EST
- Associate Professor, **Nicolas Serres**, INSA Strasbourg

1. "Intertwining"
Justine Picard

2. "A Centre, a Training, a Future"
Joan Koppitz

3. T2 Square : a Polyvalent and Inclusive Forest Heart
Tom Cariat / Timoté Sy

4. "Project's Museum"
Mathieu Simonin

5. "A New Market Near the Trainstation"
Apolline Clerc / Léonie Dujardin

"Light, Beams and Columns" © Lazaros MAVROMATIDIS

Juru N°4 - Salle F 0.02

President of the jury :
Professor **Rosella Nocera**, UniMol

jury members:

- Associate Professor **Lazaros Mavromatidis**, INSA Strasbourg
- **Muriel Temme**, Agence Climat
- **Silviu Bors**, PhD Architect, FAU Cluj

1. "Evolutivity, a New Way of Life"
Aurélia Ngongang / Chloé Le Saux

2. "The Cantine"
Nahikari Berecibar / Busra Ercetin

3. "At the centre of nature"
Thomas Pham Huu

4. "Meta-morphosis"
Nathan Bloise

"Nature's Rebellion or the Triumph of Growth over Concrete" © Lazaros MAVROMATIDIS