People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University of Ferhat Abbas, Setif 1
The Institute of Architecture and Earth Sciences
Laboratory of Housing and Environment
(Research team: Housing and Space Syntax)
Organizes the 1ST International Seminar:

SPACE SYNTAX: THEORIES AND APPLICATIONS

📅 | **7-8 December 2022**   📍 | **The Institute of Architecture and Earth Sciences University of Ferhat Abbas, Setif 1 (Algeria)**

Problematic of the seminar

Before gaining ground and becoming what it is today: a powerful tool for the analysis of architectural and urban configurations, space syntax was a paradigm shift that revolutionized the way of apprehending the urban and architectural space. Until then, the prevailing model of thought considered the relationship between architecture and behaviour as the relationship between physical (form, style, spatial organization) and non-physical (response, meaning, stimulu) variables (Hillier, 1987). The merit of Bill Hillier and his colleagues at UCL was to think up a theory of the objects themselves before being able to develop a theory of the social causes and effects of these objects. It was necessary to identify what in these objects can interact with external factors. This is how space was not only dissociated from its receptacle (form), but acquired its autonomy as a determining element in use: Space is the Machine (Hillier, 1996). This way of thinking has also given research in architecture and urban planning a certain autonomy in relation to related sciences, which until then had been dominant.

Today, Space Syntax has established itself as a set of methods and techniques for modelling architectural and urban spaces. The network approach at the scale of a building, a street, a district and a city, establishes a significant correlation between the topological accessibility of spaces and phenomena such as pedestrian and mechanical movements, the orientation and implementation of commercial equipment and services (Porta et al., 2006). The evolution of the method over the past forty years has been phenomenal and its influence has affected four continents, notably through its biannual symposia. In addition to the classic themes dealt with by space syntax such as the relationship between the configuration of space and human behaviour, land use studies, the method, which is constantly evolving and integrating new approaches, new tools, today touches on themes such as mobility, wellbeing, walkability safety, the reduction and increase of carbon emissions (relationship of town planning with the environment). Therefore, Space Syntax is a multi-disciplinary tool to understand various phenomena of the interaction of people and space, at multi-scale of the city, where architects and urban planners are facing broader challenges to meet the ever-changing needs of the society, compelled mainly by sustainability.
To what extent could space syntax contribute in guiding to responsive and inclusive design proposals?
How could space syntax contribute to solve social, economic, cultural, and environmental problems?

Objectives and axes of the seminar

This seminar is intended as an exchange and debate between researchers interested in space syntax and as an investigative tool in understanding the different modes of use of architectural and urban space.
On the occasion of this first seminar, the theories and techniques of space syntax will be put forward as a research method and as a measurement tool for the understanding of the spatial configuration and the analysis of social, economic, cultural, and environmental phenomena, to provide the best and appropriate solutions.
This seminar is based on four axes:
1. Space syntax and society.
2. Space syntax and economy.
3. Space syntax and culture.
4. Space syntax and environment.

SUBMISSION CONDITIONS

Authors are invited to submit an abstract in Arabic or English or French, with no more than 500 words. **Proposals should not be published or sent elsewhere.**
Proposals include the following:
1) The title of the communication, specifying the axis;
2) The precise contact details of the author (s),
3) The abstract, which contains: the objective, the problematic, the theoretical framework, the case study, the methodology and the main results;
4) Keywords (05 maximum);
Proposals should be sent via:
https://ocs.univ-setif.dz/ISSSTA2022
The selected papers will be the subject of publications in a journal and in a proceedings.

Important dates
- **27 July 2022**: call for papers;
- **20 August 2022**: Deadline for receipt of abstracts;
- **05 September 2022**: Notification of the Scientific Committee to authors;
- **10 October 2022**: Deadline for receipt of full papers;
- **05 November 2022**: Notification of the Scientific Committee to authors;
- **7 & 8 December 2022**: Seminar days ;

Fees of the participation:

Algerian research professors: 10 000,00 DA.
Foreign research professors: 150 € .
Professionals: 15 000,00 DA.
Non-salaried PhD students: 5 000,00 DA.
The participation fees concern: coffee breaks, lunches, and seminar bag: bag, notebook, pen, badge, and certificate of participation.

Travel and accommodation will be the responsibility of the participants.

Honorary chairman of the seminar:
Pr. Mohamed El-Hadi LATRECHE (Rector of the University of Setif 1)
President of the seminar: Dr. Abdelhalim ASSASSI
Scientific Committee:
- Pr. Tahar BELLAL (Honorary President) University of Setif 1, Algeria ;
- Pr. Said MAZOUZ (President) University of Oum Elbouaghi, Algeria ;

Pr. Yassine BADA. University of Biskra, Algeria ;
Pr. Abida HAMOUDA University of Batna 1, Algeria
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Dr. Abdelhakim HANAFI University of Batna 1, Algeria ;
Dr. Saber BENAICHA .University of Setif 1, Algeria
Dr. Soufiane FEZZAI .University of Tebessa, Algeria

Organizing committee

Dr. Assia SAMAI (President of the organizing committee)
Pr. Mouley Charaf CHABOU (Director of the Institute of Architecture and Earth Sciences)
Dr. Nadir ALIKHODJA (Deputy director)
Dr. Ali RAHMANE (Head of the Architecture Department)
Dr. Ali CHOUGUI (Director of the "Housing and Environment" laboratory)
Dr. Abdelhalim ASSASSI (Chief of team "Housing and Space Syntax")
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