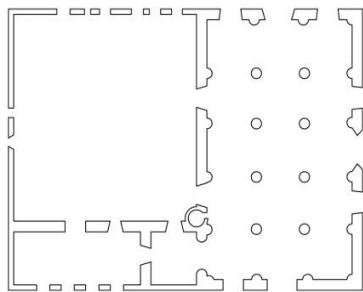


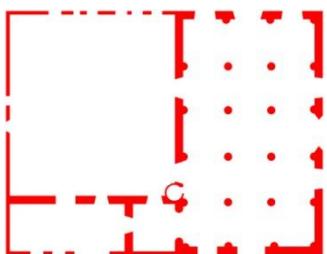
Escuela Técnica Superior de Arquitectura de la UPV, Camino de Vera s/n
24th ISUF International Conference | 27-29 September 2017 Valencia, Spain

PROGRAMME



CITY AND TERRITORY IN THE GLOBALIZATION AGE

PROGRAMME



City and territory in the
globalization age

www.valencia2017isufh.com

**24th ISUF International Conference
27-29 September 2017 Valencia, Spain**



ISUF

International Seminar
On Urban Form



Edition by Juan Colomer, David Urios and Ana Portalés

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PRESENTATION

The XXIV ISUF Conference in Valencia will examine urban morphology by exploring two dialectical relationships.

The first concerns global versus local issues. The significance of this relationship is embedded in the structure of many of the papers presented. Most of them seek to clarify, in some way, concepts, methods, sources or techniques, or combinations of these. They have commonalities with, and take a global approach to, the different disciplines concerned with urban morphology. However, for the most part they demonstrate applications to local environments.

The second concerns the dialectical relationship between research and practice. Two aspects are particularly evident in these papers. There is the description of urban forms, especially with regard to general principles relating to their arrangement and development. Then there is the recognition of the strengths and weaknesses of these physical outcomes, leading to recognition of social and environmental flaws, and consideration of the bases and means of rectifying these in practice.

In this light, we enter this Conference mindful of four principles pertaining to the future of ISUF as a forum for urban research and practice.

1. That various types of urban planning and design can be improved by deepening understanding of morphological configurations of urban space by applying global knowledge.
2. That the reading of the morphological configuration of urban space acquires especial value when its effectiveness is demonstrated locally.
3. That to achieve high quality living environments we must study social behaviour, adjust urban programmes and improve the design of public spaces.
4. That achieving sustainable balanced urban environments requires the regulation of space, respecting antecedent forms in scale, proportions and materials.

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URBAN MORPHOLOGY

_programme

26 September | Tuesday

Afternoon

17:00 - 19:00 **ISUF Council** (members only)

27 September | Wednesday

Morning

8:00 **Registration** (till 14:00)

9:00 **Opening 24th ISUF Conference**

9:30 **Opening Session | Welcome Greetings** (Aula Magna)

M^a José Salvador

Consellera d' Habitatge, O.P. i vertebració del Territori de la Comunitat Valenciana

Iván Cabrera

Director_etsav_UPV

Vicente Colomer

Conference Chair_etsav_UPV

10:00-10:30 **Plenary Session 1**

Towards a General Theory of Urban Morphology: Reading - Projecting - Building – Dwelling

Giancarlo Cataldi

10:30-11:30 **Plenary Session 2**

Why the regularity of good cities?

Joan Busquets

11:30-12:00 **Coffee Break**

12:00-14:00 **Parallel Session W1**

14:00-15:30 **Lunch Break**

Afternoon

15:30-17:30 **Parallel Session W2**

17:30-18:00 **Coffee Break**

18:00-19:00 **Plenary Session 3**

Landscape planning and the new urban agenda
Bárbara Pons

19:00-20:00 **Plenary Session 4 | Colloquium**

Urban transformations in the globalization age. Europe-China-Mexico

Kai Gu

Chair

Juan Luis de las Rivas

Europe

Wowo Ding

China

Juan Cano

Mexico

28 September | Thursday

Morning

9:00-11:00 **Parallel Session T1**

11:00-11:30 **Coffee Break**

11:30-12:30 **Plenary Session 5 | ISUF local Network**

**PNUM / ISUFh / CNUM / ISUF Italy / ISUF Turkey / ISUF poland /
ISUF Siberia / ISUF Cyprus**

12:30-14:00 **Plenary Session 6**

Own work

Carme Pinós

14:00-15:30 **Lunch Break**

Afternoon

15:30-17:30 **Parallel Session T2**

17:30-18:00 **Coffee Break**

18:00-19:00 **Plenary Session 7**

Networked Urbanism

José Luis Vallejo

19:00-20:00 **Plenary Session 8 | Colloquium**

Research-planning-urban project

Giuseppe Strappa

Chair and Urban project

Vitor Oliveira

Research

Malgorzata Hanzl

Planning

29 September | Friday

Morning

9:00-10:00 **Plenary Session 9**

Transitions in building typology and urban form: Valencia 1834-1966

Luís Alonso de Armiño

10:00-11:00 **Plenary Session 10**

Urban regeneration and urban design strategies

Javier Monclús

11:00-11:30 **Coffee Break**

11:30-13:30 **Parallel Session F1**

13:30-15:00 **Lunch Break**

Afternoon

15:00-17:00 **Parallel Session F2**

17:00-17:30 **Coffee Break**

17:30-18:00 **Plenary Session 11**

Urban Morphology: Joint research perspectives, a methodological comparison (U+D edizione)

Paolo Carlotti, Alessandro Camiz, Carmen Díez

18:00-19:30 **Plenary Session 12 | Closing Session**

General Business Meeting

Kai Gu, Michael Barke, Vitor Oliveira

ISUF in the Globalization age

Wendy McClure

Presentation of ISUF 2018 International Conference

Irina Kukina

Conclusions

Vicente Colomer, Conference chair

Closing conference

Vicent Sarrà. Valencian Urban Councilor

21:00 **Gala Dinner** (*Palacio de la Exposición. Carrer de Galicia, 1*)

30 September | Saturday

Tour (Only social programme registered participants)

10:00 **Ciutat Vella**

15th Century CE: Civil Gothic: Lonja de Valencia, UNESCO World Heritage.

18th Century CE: Barroco: Pilar Roig, Restorer and speaker. The frescoes by Dionis Vidal in the Church of St. Nicolas.

20th Century CE: Art Nouveau. Mercado Central

13:00 The Saler and the Albufera Natural Park

Paella in El Palmar. ([Nou Racó de l'Olla](#))

Tour by boat through La Albufera and visit to La Barraca - Ethnographic Museum

_parallel sessions

ROOM A B C D E F G H I J

27th SEPT

Wednesday

12:00-14:00	W1A	W1B	W1C	W1D	W1E	W1F	W1G	W1H	W1I	W1J
15:30-17:30	W2A	W2B	W2C	W2D	W2E	W2F	W2G	W2H	W2I	W2J

28th SEPT

Thursday

9:00-11:00	T1A	T1B	T1C	T1D	T1E	T1F	T1G	T1H	T1I	T1J
15:30-17:30	T2A	T2B	T2C	T2D	T2E	T2F	T2G	T2H	T2I	T2J

29th SEPT

Friday

11:30-13:30	F1A	F1B	F1C	F1D	F1E	F1F	F1G	F1H	F1I	F1J
15:00-17:00	F2A	F2B	F2C	F2D	F2E	F2F	F2G	F2H	F2I	F2J

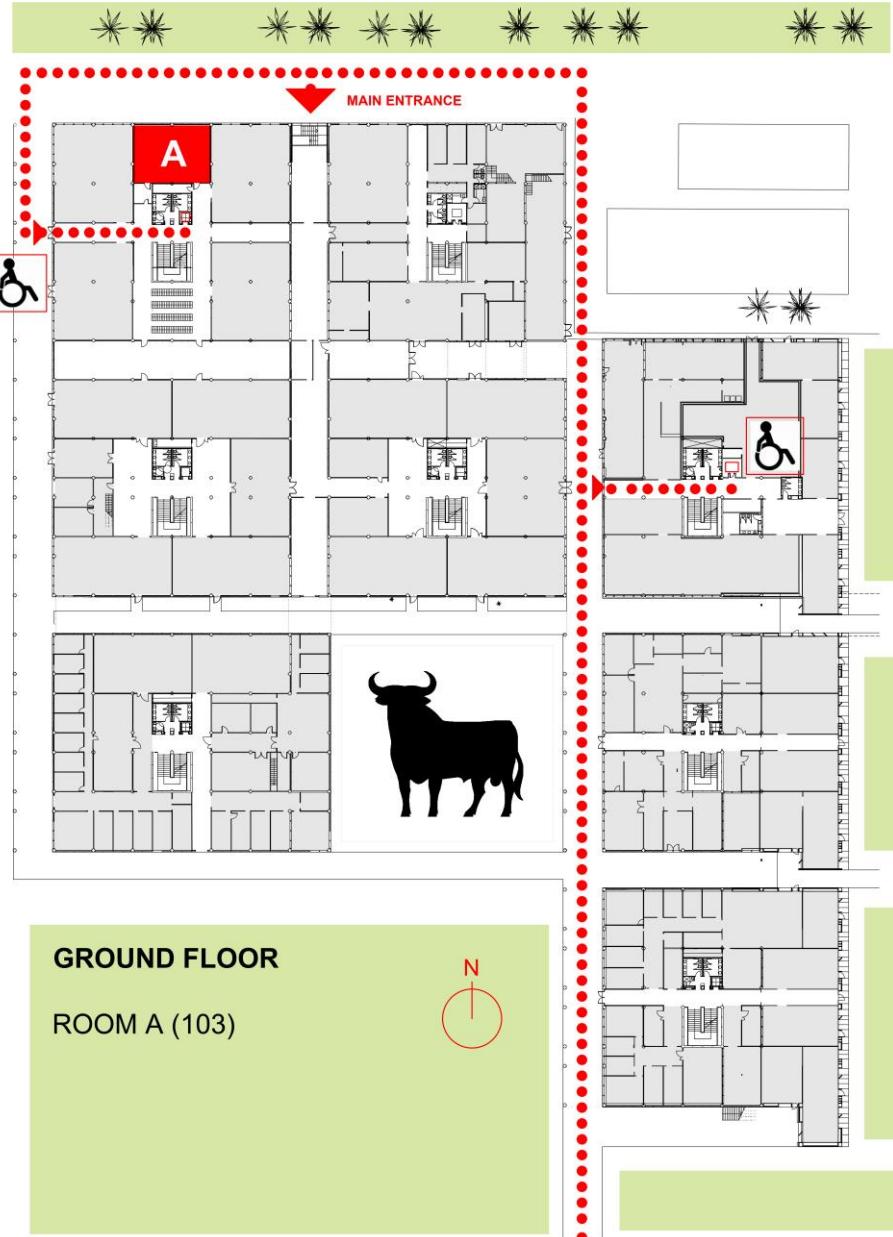
_ Plenary sessions will take place in the **Aula Magna**

_ Presentation time: 15 minutes for the presentation of the paper and 5 minutes for its discussion.

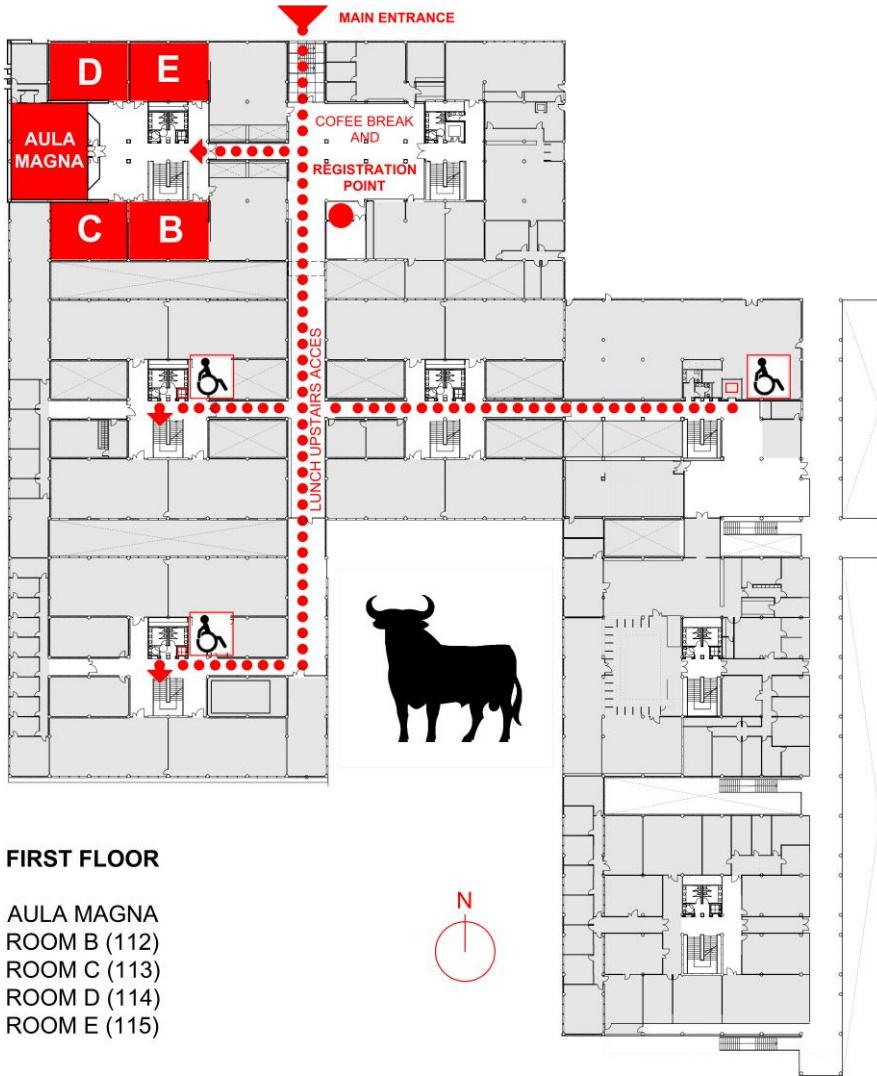
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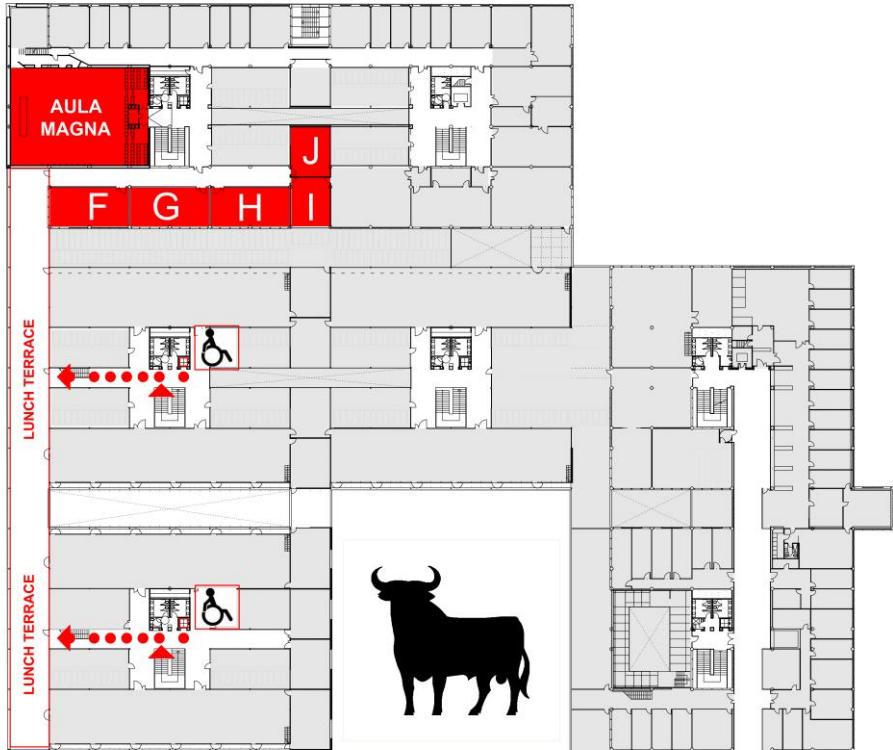
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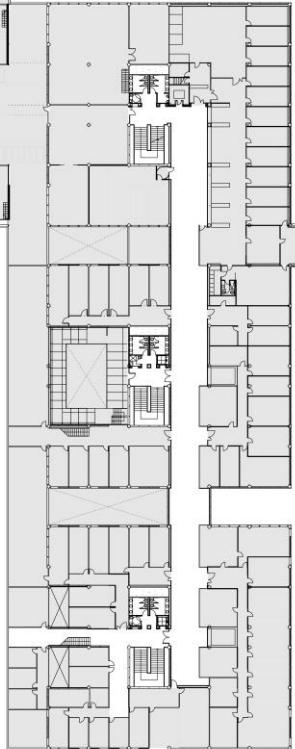
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ROOM F (125)
ROOM G (124)
ROOM H (123)
ROOM I (122)
ROOM J (121)



W1_A URBAN MORPHOLOGY ANALYSIS: Fringe Belts

12:00-14:00

Chair: Carlos Salazar

- 1 Morphological evolution of the fringe-belts of Krasnoyarsk
Elena Logunova
- 2 Building a timeline, developing a narrative: visualising fringe belt formation alongside street network development
Ilaria Geddes, Nadia Charalambous
- 3 City border in-between: Infrastructure as a potential of Urban Regeneration
Yishan Fei
- 4 Transforming Housing Areas: New morphologies in the Fringes of Trabzon
Beyza Karadeniz, Yelda Aydin Türk
- 5 Future scenario's for post-industrial Eindhoven. A fringe-belt perspective
Daan Lammers, Ana Pereira Roders, Pieter van Wesemael
- 6 Perceptive approaches to the morphological characterization of the urban contour: The case of the peri-urban landscape of Madrid
J. Rodríguez Romero, Carlota Sáenz de Tejada Granados, Rocío Santo-Tomás Muro

W1_B URBAN MORPHOLOGY ANALYSIS: Plot structure and housing form

12:00-14:00

Chair: Leticia Serrano

- 1 The evolution of blocks in Tianjin on historical maps since 1940s
Liu Xiaoyu, Zheng Ying
- 2 Negotiating frontage: alignment plan and cadastre
Alice Vialard
- 3 Plot structure and housing form: Pierre Le Muet vs Athanasio Genaro Luis Alonso de Armíño Pérez, Gonzalo Vicente-Almazán Pérez de Petinto, Vicent Cassany i Llopis
- 4 Growing and sewing: Comparative study of urban fabric evolvement in Shanghai and Berlin
Yanqi Yao, Zhenyu Li
- 5 Research of the morphological types of blocks in the old city of Nanjing
Haiqian Liu
- 6 Spatial Sstructure in Chinese and Japanese cities: A comparative study of the supergrid and superblock structure
Xiaofei Che

W1_C URBAN MORPHOLOGY ANALYSIS: Post-catastrophe areas

12:00-14:00

Chair: Anna Agata Kantarek

- 1 The differentiated application of morphological instruments used in the regeneration of areas, affected by environmental disaster
Staël de Alvarenga Pereira, Maria Cristina Villefort, Marieta Cardoso, Maria Manoela Gimmler, Raphael Queiroz
- 2 Topological analysis of contemporary morphologies under conflict:
The urban transformation of Dobrinja in Sarajevo
Inés Aquilué, Estanislao Roca, Javier Ruiz
- 3 Making a sustainable network-community for refugees from the Fukushima nuclear plant
Shigeru Satoh
- 4 Post-disaster territorial reconstruction methodologies: a focus on L'Aquila city Italy, 7 years after the Abruzzo earthquake
Tomoyuki Mashiko
- 5 Examining the role of urban form in supporting rapid and safe tsunami evacuations: a multi-scalar analysis in Viña del Mar, Chile
Jorge León, Cyril Mokrani, Carolina Femenías
- 6 Urban contrast of two cities from globalization. Gentrification, socio-cultural and economic aspects in Mexico and Valencia
María Guadalupe Valiñas Varela, Arturo España Caballero

W1_D URBAN MORPHOLOGY: Study of residential block typology

12:00-14:00

Chair: Ana Portalés

- 1 New urban forms and computational design: exploring the open block (*ilotouvert*)
Jose Carpio-Pinedo, Guillermo Ramírez, Salas Montes, Patxi J. Lamiquiz
- 2 The Hybrid Block as Urban Form
Javier Pérez Igualada
- 3 Increasing exclusiveness and dissolution of publicness: Proliferating apartment complexes within the low-rise residential area in Seoul
Soe Won Hwang, Hyo Jin Kim
- 4 The substratum permanent structures of Roman Valencia
Giancarlo Cataldi, Vicente Mas Llorens
- 5 Defining typological process in the transformation of Turkish house
Duygu Gökçe, Fei Chen
- 6 Qingdao modern historical building type zones and evolution under the multi-culture effect
Jiang Zhengliang

W1_E TOOLS OF ANALYSIS: Urban recognition and simulation

12:00-14:00

Chair: Juan María Songel

- 1 Visual Analysis as a tool for urban intervention comparative studies
Ana Elena Builes, Leonardo Correa, Diana Carolina Gutiérrez
- 2 Quantitative methods of urban morphology in urban design and environmental psychology
Irem Erin, Alessandro Araldi, Giovanni Fusco, Ebru Cubukcu
- 3 The Mexico City Metropolitan Area (MCMA), development and urban form by 2040: Analysis of policy scenarios using an urban simulation model
Roberto Ramírez Hernández
- 4 A quest to quantify urban sustainability. Assessing incongruous growth
Malgorzata Hanzl , Lia Maria Dias Bezerra, Anna Aneta Tomczak, Robert Warsza
- 5 From the street: a new perspective on urban form via moving image in Tokyo's streets
Zhouyan Wu, Marco Reggiani, Li Guan
- 6 Using Grasshopper and UNA as tool in walkability-oriented urban form design
Shuchen Xu

W1_F URBAN PUBLIC SPACE: Morphological and structural patterns

12:00-14:00

Chair: Pablo Martí

- 1 Regeneration of open public spaces as a tool of the development programs for social and sustainable cities
Iana Chui
- 2 Understanding cycling in Quito through the lens of Social Practice Theory
José Antonio Vivanco
- 3 Morphological recognition of vacant spaces: For a better understanding of contemporary urban form - Case study Barreiro Emanuel Augusto Meneses dos Santos
- 4 Morpho-based study on urban street spatial configuration: The case of Nanjing city, China
Lian Tang, Jiaojiao Miao, Wowo Ding
- 5 Spatial distribution of economic activities in heritage cities: The case of the historic city of Toledo, Spain
Borja Ruiz-Apilámez, Eloy Solís, Irene García-Camacha, Vicente Romero de Ávila, Carmen Alía, Raúl Martín
- 6 The social structure and physical form of the state-owned farm in north-east China
Hongpeng Fu, Xuijie Li, Meng Yang

W1_G HERITAGE AND GLOBALIZATION: Renewal of industrial heritage

12:00-14:00

Chair: Wendy McClure

- 1 The industrial architecture of Mauro Lleó in the growth of the modern Valencia
Carmen Martínez Gregori
- 2 Concept of creative industries within the creative city and its implications on the urban form
Marta Pieczara
- 3 Analysis on the adaptability and reuse of industrial heritage based on the renewal of old industrial base in Harbin
Wen Gu, Zhenyu Li
- 4 Between the heritage and the contemporaneity of the industrial city of Alcoy
Maite Palomares Figueres, Ciro Vidal Climent, Ivo Vidal Climent
- 5 The urban context of industrial heritage a design and development perspective
Marcel W Musch
- 6 Influence of energy paradigm shifts on city boundaries. The productive peripheries of Madrid
Carlota Sáenz de Tejada Granados, Eva J. Rodríguez Romero, Rocío Santo-Tomás Muro

W1_H URBAN MORPHOLOGY: Water boundaries

12:00-14:00

Chair: Ana Ruiz

- 1 The maritime walk: From urban to natural landscape
Ignacio Bosch Reig, Luis Bosch Reig, Valeria Marcenac, Nuria Salvador Luján
- 2 The place of waters in peripheral urban areas: the case of the Parque Novo Santo Amaro V
Luciano Abbamonte da Silva, Angélica Tanus Benatti Alvim
- 3 Urban form of fishing port cities: a case study of Donggang
Chih-Hung Chen, Pei-Wen Wu
- 4 Tourist settlements and form of the collective space: El Veril (Gran Canaria) vs. Cullera (Valencia)
Pablo Ley Bosch, Rafael Temes Cordovez
- 5 The impact of bridges on spatial transformation of urban pattern: The case of Golden Horn, Istanbul
Demet Yesiltepe, Ayse Sema Kubat
- 6 Insertion of urban space in natural landscape: the case of Almassora
Nuria Salvador Luján, Ana Navarro Bosch, Alberto García-Burgos, Manuel Lillo

W1_I URBAN FORM THEORY: Principles for research

12:00-14:00

Chair: Carla Filipe

- 1 Hermeneutics and principles of quality in urban morphology
Javier Poyatos Sebastián, José Luis Baró Zarzo
- 2 The “demonstration city”: a model from a global architectural process
Anna Rita Donatella Amato
- 3 J. W. R. Whitehand and the historico-geographical approach to urban morphology
Vítor Oliveira
- 4 On requalification and cultural sustainability
Davisi Boontharm
- 5 What explains neighborhood type statistically? morphological and spatial analytic approaches in urban morphology
Todor Stojanovski
- 6 From research in urban morphology to professional planning practice
Cláudia Monteiro, Paulo Pinho

W1_J URBAN MORPHOLOGY: Specific urban organization

12:00-14:00

Chair: Carmen Diez

- 1 Morphological analysis of frontier villages in Cyprus
Erincik Edgü, Nevter Zafer Cömert, Nezire Özgece
- 2 Canonical enclosures, social and urban organization: the example of the city of Liège in Belgium
Paul-C. Hautecler
- 3 Public spaces and critical density, a preliminary study proposal for Baseco informal settlement in Manila
Francesco Rossini, Antonio Rinaldi, Valerio Di Pinto
- 4 Urban morphology in China: origins and progress
Ming Liu, Feng Song
- 5 Murcia and Sant Mateu. Plots form and band of pertinence. Meaning for Architectural Design
Paolo Carlotti
- 6 Historic landscapes interventions in the palatin domains of the Real de Valencia and its environment
Pilar De Insausti, Adolfo Vigil

W2_A TOOLS OF ANALYSIS: Understanding urban form through Big Data

15:30-17:30

Chair: Nadia Charalambous

- 1 Exploring patterns of socio-spatial interaction in the public spaces of city through Big Data
Aminreza Iranmanesh, Resmiye A. Atun
- 2 Cartographying the real metropolis: A proposal for a data-based planning beyond the administrative boundaries
Juan R. Selva-Royo, Nuño Mardones, Alberto Cendoya
- 3 Photosharing on flickr: a data source for assessing cultural values in urban landscapes
Manal Ginzarly, Jacques Teller
- 4 Case study on emerging trends in geospatial technologies for study of urban form
Ming-Chun Lee
- 5 Measuring the urban form: the cadastre as a source and its limits
Enrique Rodrigo González, Mónica Martínez Sierra

W2_B URBAN TRANSFORMATIONS: Analysis of regenerated areas

15:30-17:30

Chair: Adolfo Vigil

- 1 Morphological transformations of post-socialist shrinking city under urban regeneration process: the case of Łódź, Poland
Jarosław Kazimierczak
- 2 City transformations in the epoch of globalization. The case study of Milan
Giovanni Panetti, Horsus Amède Bahonda Bantsimba
- 3 Contribution of planned built environments to city transformation: urban design practice in Montreal from 1956 to 2016
François Racine
- 4 Transformation and renewal of urban historic feature areas: A case study of Zicheng area in Jia
Zhenyu Li, Yitian Shu
- 5 Town identity, urban form and urban transformation: The case of Kiruna, Sweden
Jennie Sjöholm, Erik Hidman
- 6 Post-war Transformation in the challenge between heritage and globalisation; Case of Erbil, Iraq
Avar Almukhtar

W2_C

15:30-17:30

INFORMAL CITY: Urban regeneration parametersChair: M^a Dolores Aguilar

- 1 Land regularization and quality urban spaces
Ana Paula Seraphim, Maria do Carmo Bezerra
- 2 The diagonal city: crossing the social divisions
Roberta Gironi
- 3 The primary role of routes, in interpretation and design.
An experiment in San Martin de las Flores' self-built fabric, San Pedro Tlaquepaque - Guadalajara, Jalisco-Mexico.
Vincenzo Buongiorno
- 4 Research on Informal living space: A case study on Yuhua residential area of Nanjing
Xiong Guoping, Huang Weilin
- 5 The process of urban transformation and the public action.
Territorial readings and morphologies resulting from the application of redevelopment instruments
María Eugenia Jaime, Clara Mansueto, María Teresita Sacón
- 6 Intensive residential densification: impact on the urban morphology of Santiago de Chile
Magdalena Vicuña

W2_D

15:30-17:30

URBAN MORPHOLOGY: Landmarks and Power representation

Chair: Nicola Marzot

- 1 Establishing the political and economic power through public buildings: Analysis of ministry buildings in Ankara, Turkey
Ezgi Orhan
- 2 Void of Power
Francesco Mancini, Tanja Glusac
- 3 The circular temple as landmark: From landscape to townscape
Imanol Iparraguirre Barbero
- 4 Assessment of the main components of the traditional urban form in the historic centre of Baghdad (Old Rusafa)
Mazin Al-Saffar
- 5 From Göbeklitepe to modern temples: The orienting power of astronomy and religion on urban form
Eren Kürkçüoğlu, Ayşe Sema Kubat
- 6 How can the (external) urban spaces of a modernist city influence the institutional (internal) spaces?
Isabelle Braz Amarilio da Cunha, Ana Paula Borba Gonçalves Barros, Raphael Henrique Matos

W2_E URBAN AND TERRITORIAL LECTURE: Urban transport

15:30-17:30 Chair: Giuseppe Strappa

- 1 Public transport among artificial economic and technological models and the spatial justice
Rosangela M. Luft
- 2 Transformative urban railway: Ankara commuter line and lost landscape
Funda Baş Bütüner, Ela Alanyalı Aral, Selin Çavdar
- 3 How to design the metro network for maximal accessibility potential?
A comparative analysis of Shanghai
Lingzhu Zhang, Alain Chiaradia
- 4 The footprint of the city: The Railway case and its influence in the Urban Planning of Valencia
José María Tomás Llavador, Remedios Vicens, Carlos López de Medrano-Villar
- 5 The impact of a new transport system on the neighbourhoods surrounding the stations: The cases of Bermondsey and West Ham, London
Po Nien Chen, Kayvan Karimi
- 6 Research on the relationship typology between railway lines & urban development: Comparison of China vs Germany
Chunyu Wang, Zhenyu Li

W2_F URBAN SUSTAINABILITY: Urban environment

15:30-17:30 Chair: Jose Luis Miralles

- 1 Study of visibility analysis taking into account vegetation: An approach based on 3D airborne point clouds
Guanting Zhang, Edward Verbree , Peter van Oosterom , Xiaojun Wang
- 2 The effect of buildings on atmospheric turbulence in open spaces in Western São Paulo State, Brazil
Antonio Jaschke Machado
- 3 Properties of photocatalytic render cement based in globalization age
Agustín Laplaza Guerra, Julia Ayuso Sánchez, Joaquín Campos Acosta, Marta María Castellote Armero, Alfonso García-Santos
- 4 Morphological analysis: to evaluate the pattern of residential building based on wind performance
Yihui Yang, Wei You, Yunlong Peng,
- 5 Making the most of daylight in town planning
Bengt Sundborg
- 6 Implications from efficient use of resources: A case study on China-Singapore Suzhou industrial park
Jicheng Xing, J. M. Vilas-Boas da Silva, Isabel Duarte de Almeida

W2_G URBAN PLANNING: Experiences analysis

15:30-17:30

Chair: Iván Cabrera

- 1 Conceptual bases for territorial management and landscape planning
Enrique Joaquín Giménez Baldrés
- 2 The general plane of Burgos of civil engineers of 1894 as the beginning of the city restructuring
Bárbara Polo Martín
- 3 Urban landscape assessment
Vicente Collado Capilla, Sonia Gómez-Pardo Gabaldón
- 4 Central Lancashire New Town: The hidden polycentric supercity
Victoria Jolley
- 5 Urban form and retail spaces: An integral analysis through Planning history in Madrid
Jose Carpio-Pinedo
- 6 Towards a typomorphology of public spaces: relating place type and measures of enclosure
Stephen Marshall, Yuerong Zhang

W2_H URBAN PUBLIC SPACE: Green space in towns and cities

15:30-17:30

Chair: Kai Gu

- 1 The virtual earth. The case study of the Rose garden in Alcoy
Maite Palomares, Ciro Vidal Climent, Ivo Vidal Climent
- 2 New York high line as urban catalyst: Impact to neighbourhood
Koichiro Aitani, Vrushali Kedar Sathaye
- 3 Urban Art and place. Spatial patterns of urban art and their contribution to urban regeneration
María Laura Guerrero Balarezo, Kayvan Karimi
- 4 The layers for reading the space of the Street
Marianna Ascolese
- 5 The role of historical green spaces in the identity and image of today's cities: The case of Madrid
Eva J. Rodríguez Romero, Carlota Sáenz de Tejada Granados, Rocío Santo-Tomás Muro
- 6 On the formulation of green open space planning parameters: A parametric tool
T.M. Leung, I.V. Kukina, A.Y. Lipovka

W2_I TERRITORY AND LANDSCAPE: Urban settlements

15:30-17:30 Chair: Ivo Vidal

- 1 Contemporary morphological patterns: Analysis of open spaces in the urban form in Uberlândia, Minas Gerais
Glauco de Paula Cocozza, Patricia Pimenta Azevedo Ribeiro, Maria Eliza Alves Guerra
- 2 Poly-nuclear urban system, landscape identity and economic development: The Vega Baja of the Segura River (Alicante)
Clara García-Mayor, Gregorio Canales Martínez
- 3 A configurational perspective on the transformation of small and medium-sized historical towns in Zhejiang, China
Ye Zhang, Xiangya Xie, Jie Zhang
- 4 Urban efflorescences of the global and the local:
An analysis of the territory of Gipuzkoa (Spain)
Madalen González-Bereziartua
- 5 Territory and urban planning in Nara prefecture: Geometric rationalization of the land structure in the municipality of Sakurai city
Rieko Shiraki
- 6 São Paulo: Contemporary urban landscape
Sidney Vieira Carvalho

W2_J URBAN MORPHOLOGY: Configuration of urban patterns

15:30-17:30 Chair: Marco Maretto

- 1 Historic-geographical and typo-morphological assessment of Lefke town, North Cyprus
Sanaz Nezhadmasoum, Nevter Zafer Comert
- 2 The changing pattern of urban form: Example of Tripoli, Libya
Almabrok Alkahal
- 3 Determinants and results of morphological transformations of historical town centres and suburbs in Poland on chosen examples
Tomasz Figlus, Łukasz Musiaka
- 4 Neoliberal hegemony and the territorial re-configuration of public space in Mexico City
Carla Filipe Narciso
- 5 The shaping process of urban form under a socialist system:
Townscape diversity and its formation in Sanlitun, Beijing
Yang Meng, Miao Zeng, Feng Song
- 6 Dialectic contradictions of global and local within the city transformations. (Case study of Russian cities)
Irina Kukina

T1_A URBAN MORPHOLOGY: Diachronic analysis (I)

9:00-11:00 Chair: Wowo Ding

- 1 The Study of Urban Form in Bergama
Sinem Tapkı
- 2 Territory and landscape of Arequipa: from orthogonal trace to overflowing growth
Renato Ampuero
- 3 Reading Nablus' urban print: Towards an understanding of its morphology
Muath Taher, Jorge Correia
- 4 Comparison of Urban Form based on different city walls between Quanzhou and Newcastle upon Tyne
Di Wang, Jianyi Zheng
- 5 Exploring different morphological approaches to area-based conservation in Nanjing, China
Xiaoxi Li
- 6 The study of urban form in Lithuania: preliminary findings on its European background
Inesa Alistratovaite-Kurtinaitiene, Matas Cirtautas, Dalia Dijokiene

T1_B URBAN TRANSFORMATIONS: Waterfronts and urban boundaries

9:00-11:00 Chair: Jorge Gil

- 1 The spatial configuration in waterfront areas of Makassar: Hybridity application and climate change responses
Khilda Wildana Nur
- 2 The impact of port infrastructure in South American port cities and its urban growth: The case of Guayaquil
John Dunn
- 3 New strategies for integrative waterfront regeneration through the experience of Incheon and Boston
Kumjin Lee, YongjinAhn, Jeongjun-Ju
- 4 Study for a new definition of the southern side of Prato della Valle in Padua, Italy
Enrico Pietrogrande, Alessandro Dalla Caneva
- 5 Towards the contemporary city. Reading method of post-unification restructuring of Trastevere in Rome
Giancarlo Salamone
- 6 Social Risk Map. The design of a complementary methodology to vulnerability indexes applied to urban regeneration activity
Ana Ruiz-Varona, Jorge León-Casero

T1_C LANDSCAPE AND TERRITORY: Hydrology and water elements

9:00-11:00

Chair: Francisco Javier Monclús

- 1 Cities of New Spain configured in their urban morphology by acequias
Alejandro Jiménez
- 2 The role of water in the morphology of historical cities of Iran(in hot and dry region)
Nasim Iranmanesh, Negar Salehi, Korous Etaati, Abbas Golzar
- 3 Study on the hydrologic character of three types of street-block of Nanjing, China
Quan Liu, Mengjie Gu, Xintian Li, Ming Mao, Qingfeng Ye
- 4 Resilient Urban Morphology to the flood risk in the final stretch of the Girona River (Alicante province)
José Sergio Palencia Jiménez, Eric Gielen, Yaiza Pérez Alonso
- 5 Urbanization dilemmas in Delta Cities: Interdependencies between formal and informal urbanization processes in Barranquilla, Beira and Ho Chi Minh City
Like Bijlsma
- 6 Study of Chinese Traditional Wetland Island Settlement Combining Morphological and Narrative Analyses
Dongxue Lei, Andong Lu

T1_D URBAN MORPHOLOGY: Commercial use on open public space

9:00-11:00

Chair: Matilde Alonso

- 1 Urban form and vacant shops: can one explain the other? – a case study in Portugal
Miguel Saraiva, Teresa Sá Marques, Paulo Pinho
- 2 Clothing consumption practice and its impact on the transformation of "public space". Vía primavera, El Poblado, Medellín
Natalia Uribe, Diana Carolina Gutierrez
- 3 Spatial patterns in mass consumption: The fast food chain network and its street patterns, clusters and impact on street safety
Genevieve Shaun Lin, Kayvan Karimi
- 4 (Re)shaping the shophouse in historical fabrics: Speculation, control and regeneration in Xiamen (1920s-2016)
Yongming Chen, Yan Geng
- 5 Morphologies of exclusion and inclusion in Milan
Martina Orsini, Beatrice Galimberti
- 6 The loss of semi-public spheres within the Vienna urban parterre system—cause and effect study
Angelika Psenner

T1_E URBAN MORPHOLOGY ANALYSIS: Methodology of recognition

9:00-11:00

Chair: Gonazalo Vicente-Almazán

- 1 Spatial processes of mass housing estates. Six case studies in Madrid
Sergio García-Pérez, Borja Ruiz-Apilánez Corrochano
- 2 A typomorphological study of Chinese superblock
Xin Ge, Birgit Hausleitner
- 3 A review of relationship between objective analysis and subjective perception on Urban Morphology Study
Zhang Zhaoxi
- 4 Exploring urban morphology as urban design pedagogy: An analytical approach to the urban landscape
Kai Gu
- 5 A multidisciplinary approach to urban fabrics analysis. The historical centre of Valencia
Marco Maretto, Vicente Mas, Eva Alvarez, Barbara Gherri, Carlos Gomez, Maria Rosaria Guarini, Anthea Chiovitti, Gianluca Emmi
- 6 Applicability of Conzenian terminology at different resolutions of study
Feng Song, Haiyang Zhang

T1_F URBAN SUSTAINABILITY: Measuring urban complexity

9:00-11:00

Chair: Javier Pérez Igualada

- 1 Space Syntax in an idiorrhythmical conglomerate: the case of Jardim Piratininga, São Paulo, Brazil
Luciano Silva, Heraldo Borges, Bruno Futeama
- 2 Efficient system of the old-aged care in the Globalization Age: Research of urban home pension in communities based on Smart City in China
Hanyue Li
- 3 Redefining the Smart City concept: the importance of humanizing 'Intelligent' Cities
Raquel Pérez-delHoyo, Megan Claire Lees
- 4 The role of urban morphology practice in the UN-HABITAT III New Urban Agenda
Laura Narvaez
- 5 Measuring urbanity and publicity of commercial building complex in urban context with POI data
Shuchen Xu, Yu Ye, Leiqing Xu
- 6 Can speed enhance our understanding of the role of spatial connectivity? The creation of a 'Spatial-Speed' map
Paul Goodship

T1_G URBAN MORPHOLOGY: Specific typology of urban heritage buildings

9:00-11:00

Chair: Nuria Salvador

- 1 The phenomenon of the hacienda in México as a system in constant transformation. The methodology of territorial analysis for the conservation of cultural landscapes
Monica Solorzano Gil
- 2 From "Consecrated Land" ("Campo Santo") to multicultural leisure space: two mendicant houses in Evora and Setubal (Portugal)
Maria do Céu Simões Tereno, Manuela Maria Tomé, Maria Filomena Monteiro
- 3 The University-Residence Hall paradigm. Urban transformation of Alcalá de Henares in the Renaissance
Miguel Angel Gil Campuzano, María Teresa Palomares Figueres
- 4 Utopian urbanism Franciscan in the XVI century as a generator of new populations in central zone of Puebla, México
Tarsicio Pastrana Salcedo
- 5 Marinilla's cultural landscape and spatial characterization, Colombia
Catalina Montoya Arenas, Lina María Escobar Ocampo, Claudia María Vélez Venegas
- 6 The Heritage of the Modern Movement in the conformation of the city. The Casa Guzmán of Alejandro de la Sota
Alberto Burgos Vijande, Teresa Carrau Carbonell

T1_H URBAN PUBLIC SPACE: Squares and plazas

9:00-11:00

Chair: Juan Colomer

- 1 Practices and forms of open space at territorial scale: A comparison between Matera and Valencia, two cities crossed by minerals rivers
Maria Lucia Camardelli, Maria Valeria Mininni, Adolfo Vigil De Insausti
- 2 Rethinking urban design problems through morphological regions: Case of Beyazit Square
Ezgi Küçük, Ayşe Sema Kubat
- 3 Morphological and functional attributes of preferred urban public spaces in Alicante province
Pablo Marfil, Leticia Serrano-Estrada, Almudena Nolasco-Cirugeda
- 4 The urban living room: Study on the typical form features and functions of city plazas in Europe
Erqi Sun, Zhenyu Li
- 5 Introverted and knotted spaces within modern and contemporary urban fabrics: Passages, gallerias and covered squares
Pina Ciotoli, Marco Falsetti
- 6 Broken traditions, inherited legacy, new narratives. Transformations of the medieval market squares in Silesia
Monika Ewa Adamska

T1_J URBAN FORM THEORY: Current perspectives

9:00-11:00

Chair: Julia Deltoro

- 1 The life-cycle of the city: a morphological perspective
Nicola Marzot
- 2 Intersections between critical urban theory and urban morphology.
A case study of Holbeck and Leeds South Bank
Ioanni Delsante
- 3 Recovering the Habitat concept within Urban Morphology
Teresa Marat-Mendes, María Amélia Cabrita
- 4 Diachronic transformations of urban routes for the theory of attractors
Alessandro Camiz
- 5 A model for the pursuit of robust urban form
Tony Hall
- 6 New cartographies of urban sprawl: The use of land cover data in Spain
Eduardo Olazábal, Carme Bellet

T1_J URBAN MORPHOLOGY: Recent experiences update

9:00-11:00

Chair: Luis Alonso de Armiño

- 1 Can our cities be planned? Does the function follow the form? The New York experience
Alberto Peñín Ibáñez, Alberto PeñínLlobell
- 2 Arrival city: Refugees in three German cities
Hajo Neis, Briana Meier, Tomoki Furukawazono
- 3 Identify Urban Spatial Patterns Based on the Plot Shapes and Building Setting in Downtown of Nanjing
Yusheng Gu, Lian Tang, Wowo Ding
- 4 Rio de Janeiro, Cuiabá and removals for bus rapid transit and light rail vehicle
Anderson Ferreira da Silva, Richara Vitória, Rafael Ribeiro de Souza, Lorrane de Oliveira Silva
- 5 The evolution of socialist third-front industrial landscapes in China:
the case of Sichuan Boiler Works
Ke Deng, Feng Song

T2_A URBAN MORPHOLOGY: Diachronic analysis (II)

15:30-17:30

Chair: Ayse Sema

- 1 City-like Settlement to Industrial City: A Case of Urban Transformation in Huwei Township
Chih-Hung Chen, Chih-Yu Chen
- 2 Re-reading morphological concepts to face globalization: using typo-morphology to excavating modern and contemporary forms
Mazyar Abaei
- 3 Assessment of the process of urban transformation in Baghdad city form and function
Mazin Al-Saffar
- 4 Istanbul : 19th and 20th century transformations in the historical peninsula and after the 1950s reflections of the globalization
Hulya Coskun
- 5 The urban form as Palimpsesto sociocultural in hispanoandinas cities of Perú
Máximo Juvenal Orellana
- 6 The urban form in the city of Tulcán, Carchi - Ecuador
Yolanda Tapia, Adolfo Vigil de Insausti, María Dolores Montaño

T2_B URBAN TRANSFORMATIONS: Regeneration of historic city centers

15:30-17:30

Chair: Borja Ruiz-Apilanez

- 1 Unfolding the urban transformation processes in the historical center of Ankara: The case study of Haci-Bayram Quarter
Merve Demiroz, Neriman Sahin Guchan
- 2 Global cityscapes. Recent transformations of new city centre in Vilnius, Lithuania
Dalia Dijokiene, Inesa Alistratovaite-Kurtinciene, Matas Cirtautas
- 3 Transposed realities: collision and contiguity in the city's transformation
Kaltrina Jashanica
- 4 Historic urban fabric as basis for further urban renewal: later 20th century public urban interventions in Ciutat Vella, Valencia
César Damián Mífsut García
- 5 Learning from Slussen: place, idea and process in the transformation of central urban interstices
Álvaro Clua
- 6 The potential of the urban void as a regeneration tool of the city.
The case study of Via Giulia, Rome
Cristian Sammarco

T2_C**URBAN MORPHOLOGY: Plot and building types (I)**

15:30-17:30 Chair: Miguel Ángel Gil

- 1 Extending the concept of the morphological frame: a case study of Tangshan old military airport
Rongxi Peng, Zijiao Zhang, Yixi Li, Feng Song
- 2 Second life of great American parking garages: Exploring the potential of adaptive reuse of urban parking structures in the American cities
Ming-Chun Lee, Manasi Bapat
- 3 Urban development structure conversion: A Case Study of Harbin Institute of Technology Science and Technology Park
Wen Gu
- 4 Megaprojects and urban morphology: The case of Denizli, Turkey
Gizem Erdoğan
- 5 Urban potential of Extremely High Skyscrapers Extra High Residential High-Rise: Beyond the modernist glass tower
Vuk Radovic
- 6 Urban form and teaching structures: the campuses of modernity
Basilio Tobías

T2_D**TERRITORY AND LANDSCAPE: Renewal for urban abandonment**

15:30-17:30 Chair: Juan Cano

- 1 Urban morphology and urban abandonment
Emine Duygu Kahraman, Kemal Mert Çubukçu
- 2 Obsolescence of urban morphology in the historic center of Villena
Fernando Miguel García Martín, Fernando Navarro Carmona, Eduardo José Solaz Fuster, Víctor Muñoz Macián, María Amparo Sebastià Esteve, Pasqual Herrero Vicent, Anna Morro Peña
- 3 Urban traces: revitalization strategies for abandoned villages
Letizia Gorgo, Gloria Riggi
- 4 Uninhabited territories: contemporary strategies to recover and preserve abandoned settlements and their areas of influence in Alto Aragón
Sixto Marín Gavín, Alejandro Navarro Planas
- 5 The Policy Interpretations of Morphological Transformation of Work-unit Residence in China: A Case Study of Kunming Iron and Steel Plant (1960-2010)
Tan Wenyong, Jiang Yuan, Zhang Nan, Yan Bo
- 6 Towards the post-public space: From occupation to privatization of public spaces in central Tokyo
Ana Medina

T2_E TOOLS OF ANALYSIS: Urban density and compactness parameters

15:30-17:30

Chair: Paolo Carlotti

- 1 Urban compactness and growth patterns in Spanish intermediate cities
Carlos Jiménez Romera, Agustín Hernández Aja, Mariano Vázquez Espí
- 2 Typology based on three density variables central to Spacematrix using cluster analysis
Meta Berghauser Pont, Jesper Olsson
- 3 Measuring urban density and diversity of 'Designed' and 'Emergent' Compact city: Compact city qualities in relation to urban processes
Hye Kyung Lim, Evgeniya Bobkova
- 4 Location-based density and differentiation – adding attraction variables to Space Syntax
Lars Marcus, Meta Berghauser Pont, Gianna Stavroulaki, Jane Bobkova
- 5 Exploring the relationship between street accessibility and centrality and land use distribution in Southern Brazil
Marcus Saraiwa, Joana Barros

T2_F URBAN MORPHOLOGY: Social participatory action

15:30-17:30

Chair: David Urios

- 1 Self-organisation and meaning of urban structures: case study of Jewish communities in central Poland in pre-war times
Malgorzata Hanzl
- 2 Self-organization in planned Danwei and Dayuan: A case study of the transitional Houzaimen neighborhood of Nanjing in urban China
Qian Zhao
- 3 Participatory methodologies for improving the lives of social housing residents in Campinas, Brazil
Gabrielle Okretic, Eleusina Freitas, Laura Bueno
- 4 Urban sprawl and citizen participation. A case study in the municipality of La Pobla de Vallbona, Valencia
Eric Gielen, Yaiza Pérez Alonso, José Sergio Palencia Jiménez, Asenet Sosa Espinosa
- 5 Urban form and social cohesion: the socio-morphological definition of the residential fabrics of the Metropolitan Area of Barcelona
Rosina Vinyes, Sergio Porcel, Fernando Antón, Mariona Figueras, Laia Molist
- 6 Understanding of urban life through the urban morphology
Ana Paula Borba Gonçalves Barros, Juliana Leal Alvim

T2_G URBAN MORPHOLOGY ANALYSIS: Plot structure and housing form

15:30-17:30

Chair: Ivor Samuels

- 1 Interfederative coordination alternatives for regional urban management in Brazil
Angela Moulin Simões Penalva Santos, Pedro Henrique Ramos Prado Vasques
- 2 Development of urban areas of the Russian Federation on the Trans-Siberian Railway
Petrosyan Evgine, Kilina Ekaterina
- 3 Gradual transformation of the urban landscape and the planning practice
Tolga Unlu, Yener Bas
- 4 Possible social advances in Brazilian Urban Design
Rafael Motta Fontenelle de Araújo, Maria Cristina Villefort Teixeira, Marieta Cardoso Maciel, Stael de Alvarenga Pereira Costa
- 5 The evolving interpretation of neighborhood unit: a review of residential planning norms in Chinese cities since 1920s
Li Guan, Zhouyan Wu
- 6 Paradigm shift in the urban planning of commercial facilities and transport system: Case study of Pelhřimov, Czech Republic
Jana Zdrahalova, Irena Boumova

T2_H URBAN PLANNING: Strategies and development

15:30-17:30

Chair: Teresa Marat-Mendes

- 1 Globalizing Tokyo The Production and Life of Public and Pseudo-Public Spaces of Ginza
Darko Radović, Tomotake Miyagaki, Keitaro Onishi, Daisuke Kobayashi, Mayuko Mikogami, Mei Morimoto, Shohei Yamashita
- 2 A review on the relationship between civic culture and public open space
Sebnem Onal Hoskara, Samaneh Ghafourian
- 3 Site-specific performances to create new points of view about a critical area
Silvia Tagliazucchi
- 4 Study on the association mechanism between small public spaces and affective responses in the 'human-scale urban form' perspective
Rongling Liu, Lijun Wang
- 5 Using a novel geospatial approach to assess the impacts of exposure to urban green space on children's sleep
Jason Gilliland

T2_J URBAN PUBLIC SPACE: Social use patterns

15:30-17:30 Chair: Eloy Solís

- 1 Regeneration from sustainable Urban Design in Pamplona Alta, Lima
Elena Lacilla Larrodé, Laura Rives Navarro
- 2 A hydrological index for urban morphology: using anisotropic porosity to calibrate the plan-unit types
Linchao Wang, Zheng Deng, Qingyu Gong
- 3 Restoring nature in urban fabric: Case study of Boston City Transformations
Yichen Zhu
- 4 Community renewal, morphological agents and planning for social justice: cases from Auckland, New Zealand
Carol S Wang, Kai Gu
- 5 From density to three-dimension: Researchon the tendency and methods of social housing design in China
Li Zhenyu, SunErqi
- 6 Heterotopic space characteristics of urban village in China: Take Guandongdian district in Beijing as an example
Lu Tingying, Li Jiali, Peng Ning

T2_J URBAN FORM: Analysis and city representations

15:30-17:30 Chair: Vicente Mas

- 1 The role of spatial configuration in knowledge-based economy patterns at city-region level: theoretical and empirical considerations from space syntax approach
Eloy Solís
- 2 An unsustainable urban typology: the golf resort on the Iberian Mediterranean coast
Fernando Gaja i Díaz
- 3 Informalism. A critical review of urban informality representations in Latin America
Diana Maldonado, Emanuel Giannotti
- 4 International workshops as a tool for analysis and urban reformulation
Laura Lizondo Sevilla, Nuria Salvador Luján
- 5 Urban form in the tourist cities of the coast of the Canary Islands. The morphologies of leisure
Rafael R. Temes, Moisés Simancas, Alicia García, María Pilar Peñarrubia

F1_A URBAN MORPHOLOGY: Historic traces on contemporary city

11:30-13:30

Chair: Ye Zhang

- 1 From the so-called Islamic city to the contemporary urban morphology: The historic core of Kermanshah city in Iran
Sahar Pakseresht, Manel Guàrdia Bassols
- 2 Geometric and poliorcetic inertia in the fortified system vs urban morphological inflections in 18th-Century Barcelona
Juan Miguel Muñoz Corbalán
- 3 Nova Imago Urbis: the transformation of city walls in early Renaissance as a model to recover the image of contemporary city
Aritz Díez Oronoz
- 4 Morphological periods of Turkish cities as an outcome of plot transformation
Yener Bas, Tolga Unlu
- 5 Following the traces of middle ages: Trabzon
Beyza Karadeniz, Nilgün Kiper
- 6 A study on the history of urban morphology in China based on discourse analysis
Limeng Zhang, Andong Lu

F1_B URBAN TRANSFORMATIONS: Towards a new city model

11:30-13:30

Chair: Alicia Llorca

- 1 Urban form and the social use of space
Jorge Iribarne
- 2 Plastic City/Elastic City: A critical interpretation of urban transformations
Antonio Camporeale
- 3 The large scale and the political transformation of the city
Mariangela Ludovica Santarsiero
- 4 A first approach to the possible urban form of the city of Alcoy for the 21st century
Ivo Vidal Climent, Ciro Vidal Climent, Vicente Vidal Vidal
- 5 Altea Urban Project: An academic approach to the transformation of a coastal Spanish touristic city based on the improvement of the public space
Vicente Iborra Pallarés, Francisco Zaragoza Saura
- 6 Henri Prost in Istanbul: Urban transformation process of Taksim-Maçka Valley (Le parc n°2)
Pelin Bolca, Rosa Tamborrino, Fulvio Rinaudo

F1_C INFORMAL URBANISM: Intervention guidelines

11:30-13:30

Chair: Vitor Oliveira

- 1 Towards informal planning: Mapping the evolution of spontaneous settlements in time
Maddalena Iovene, Graciela Fdez. de Córdova, Ombretta Romice, Sergio Porta
- 2 Analysis and intervention guidelines for the favela Jardim Piratininga (São Paulo, Brazil)
Denise Antonucci, Leonardo Gobbi
- 3 City regeneration via informal urbanism: the participatory fluid model
Chunyu Wang
- 4 Green infrastructure for urban and environmental rehabilitation: study in the city of Vila Velha-ES, Brazil
Eduarda Dias de Berrêdo, Daniella do Amaral Mello Bonatto
- 5 Learning from informal urbanism: a study on spontaneous roof extension in China and its application in design
Yao Yanqi
- 6 Participatory democracy of informal urbanism: Case of Gamchoen bottom-up slum upgrading
Wen Gu, Zhenyu Li

F1_D URBAN FORM: Morphology of tourist settlements

11:30-13:30

Chair: Hajo Neis

- 1 Because people act, cities can be smart: Promoting social innovation in smart-city design-tools in the Mediterranean
Carolina Mateo, Miriam Navarro, Begoña Serrano, Vera Valero
- 2 The nine forms of the French Riviera: Classifying urban fabrics from the pedestrian perspective
Giovanni Fusco, Alessandro Araldi
- 3 Tourist settlements in the Comunidad Valenciana coast: A typological map
Marilda Azulay Tapiero, Vicente Mas Llorens
- 4 Tourism and productive uses. Territorial distribution in the coast of the Valencia
Remedios Vicens, Enrique J. Jiménez Baldrés, José María Tomás Llavador
- 5 The transformations of the peripheral urban form in Brazilian listed heritage coastal cities and their morphological typologies
Ramon Fortunato Gomes
- 6 The identification and management of the heritage value of fringe belts based on their morphological process and elements
Ningting Li, Feng Song, Yin Hua, Xiaohui Wang, Danning Jiang

F1_E URBAN MORPHOLOGY: Reading residential city peripheries in Spain

11:30-13:30

Chair: Almudena Nolasco

- 1 Dealing with mass housing estates legacy: the need of specific diagnoses from an urban design perspective
Javier Monclús, Carmen Díez Medina
- 2 The intervention of Víctor Eusa in the 2nd Ensanche of Pamplona: the artistic transformation of a technical model
Andrés Caballero Lobera
- 3 The role of residential fabric in the configuration of the city in Spain in the 1940s and 1950s. The case of Jaca
Raimundo Bambó Naya
- 4 The processes of urban sprawl in the environment of mid-size cities during the period of expansive urbanism. Territorial impact in an interior area, Castilla-La Mancha, Spain
Francisco Cebrán, Irene Sanchez
- 5 Residential urban typomorphology in the periphery of Spanish intermediate cities between 1977 and 2000: Málaga, Murcia and Valladolid
Fernando Miguel García Martín
- 6 The role of suburban villages in the expansion of Spanish metropolitan areas
Diego Laguía Martínez

F1_F URBAN DEVELOPMENT: Energy efficiency

11:30-13:30

Chair: José M^a Tomás

- 1 Evaluation of generating mechanism of residential building patterns in contemporary cities: Case study on Xi'an and Nanjing
Ruoyao Li, Lian Tang, Wowo Ding
- 2 Optimal urban density for a carbon free city in different climates
Udo Dietrich, Siao-Hui Che
- 3 Form follows sunshine - Another design strategy on the current Shanghai enclosed housing
Bin Lu
- 4 Greening in narrow urban spaces. An urban development concept for the oldtown of Berlin-Spandau
Katharina Lehmann
- 5 Energy efficiency in the urban scale: Case study Prague, Czech Rep.
Ernest Shtepani, Anna Yunitsyna
- 6 Analysis of green spaces morphology based on urban thermal field distribution
Yun Qian, Xiao Jun Wang

F1_G**HERITAGE AND GLOBALIZATION: Architectural and urban analysis**11:30-13:30
Chair: Irina Kukina

- 1 Medieval porticos of Rome: New methods and technologies for revealing Rome's architectural and urban heritage
Selena Kathleen Anders
- 2 Urban morphology and sustainability. Towards a shared design methodology.
Marco Maretto, Barbara Gherri, Greta Pitanti, Francesco Scattino
- 3 Contemporary mechanisms for the holistic management of historical territories -A comparison of European and Asian world heritage
Alba Victoria Zamarbide Urdaniz
- 4 Urban analysis tools for Mexican world heritages cities
Norma Elisabethe Rodrigo-Cervantes
- 5 Ruine and city: Procedure suggestion for the Imperial Forums of Rome
Valeria Marcenac, María José Ballester Bordes, Luis Bosch Roig, Carlos Campos González, Ignacio Bosh Reig
- 6 Spatial transformation of heritage area as the impact of tourism activity in Kampong Kauman, Surakarta City, Indonesia
Nafiah Solikhah

F1_H**URBAN SUSTAINABILITY: Improving urban landscape**11:30-13:30
Chair: Luís Bosch

- 1 Construction of landscape infrastructure system as framework of urban form: case study in Nanjing
Hua Xiao-ning, Wu Lang
- 2 Agro-Urban Landscape: the case study of Monteruscello-Naples
Alessandra Como, Luisa Smeragliuolo Perrotta, Carlo Vece
- 3 Rooftop agriculture: A typological analysis
June Diana Komisar, Joe L Nasr
- 4 Pilot studies on optimizing land use, building density and solar electricity generation in dense urban settings
Zhongming Shi, Shanshan Hsieh, Bhargava Krishna Sreepathi, Jimeno A. Fonseca, François Maréchal, Arno Schlueter
- 5 Compacting Rome. Preliminary assessments on a systemic approach for a sustainable development
Armando Iacovantuono
- 6 Analysis and application of mountainous city profile methodology, A case study on Yuzhong Peninsula of Chongqing
Zhu Mengyuan, Leng Jiawei

F1_I**URBAN MORPHOLOGY: Urban open spaces and street network**

11:30-13:30

Chair: Remedios Vicens

- 1 Street network morphologies: On the characterization and quantification of street systems in Montréal
Pierre Gauthier
- 2 Street layout-plan and urban space: Urban morphology and local identity
Luis Alonso de Armíño Pérez, Vicent Cassany i Llopis, Gonzalo Vicente-Almazán Pérez de Petinto
- 3 The effects by the urban fabric morphology on sequential landscape of urban outer space from the perspective of station-home sequence base on the case study of Tokyo
Yijun Zhu
- 4 Stages in the configuration of urban form in urban development planning: the emerging role of open spaces as sustainability mechanism. The case of Valladolid (Spain)
Miguel Fernández-Maroto
- 5 Researching the morphology of the city's internal micro structure: UPM Urban Parterre Modelling
Angelika Psenner, Klaus Kodydek
- 6 Between territories: Incremental changes to the domestic urban interface between private and public domains
Agnieszka Wir-Konas, Kyung WookSeo

F2_A URBAN TRANSFORMATIONS: Forming and evolution processes

15:00-17:00

Chair: Ciro Vidal

- 1 Social and territorial transformations from colonial times to the globalization age: analysing aggregation/segregation aspects in Brazilian cities
Debora Caniçali, Lucia Capanema Alvares
- 2 Dysfunctions in the territorial form: the case of Valencia
Josep Lluís Miralles
- 3 Globalization and the typomorphology of the urban fabric: Istanbul
Gizem Erdoğan
- 4 The forming process of Fiumicino
Giuseppe Strappa, Marta Cognale
- 5 Nowa Huta, Krakow, Poland. Old urbanism, new urbanism?
Anna Agata Kantarek, Ivor Samuels
- 6 Evolution of the urban form in the British New Towns
Julia Deltoro, Carmen Blasco Sánchez, Francisco Martínez Pérez

F2_B URBAN TRANSFORMATIONS: Urban fabric of historic city centres

15:00-17:00

Chair: Eva Álvarez

- 1 Towards new traditional urban fabrics: learning from London
Mario Gallarati
- 2 Building transformation in Bandung city center: Expansion of land Lot at Pasar Baru area
Nurtati Soewarno
- 3 Temporal city and indeterminate space. Exploring urban change in Tallinn, Estonia with a focus on typomorphology of the city since 1991
Kaija-Luisa Kurik
- 4 Study of morphological structures of historical centres as a basic toll for understanding the new conditions of social habitat. Quito, Siracusa and Suzhou
Veronica Rosero, Andrea Gritti, Juan Carlos Dall'Asta, Riccardo Porreca, Daniele Rocchio, Franco Tagliabue
- 5 The Republican city. Valencia, the shape of the city after the interior reform
José María Tomás Llavador, Remedios Vicens Salort, Carlos Lopez de Medrano-Villar
- 6 The transformation of Valencia's cathedral area towards 18th century
Luis Cortés, Adolfo Vigil, Pep Pardo Conejero

F2_C CARTOGRAPHY DATA: GIS and virtual representation

15:00-17:00

Chair: Pierre Gauthier

- 1 Quantitative comparison of the distribution of densities in three Swedish cities
Meta Berghauser Pont, Gianna Stavroulaki, Kailun Sun, Ehsan Abshirini, Jesper Olsson, Lars Marcus
- 2 Virtual reconstruction of urban environments from historical photographs through Image Based Animations (IBA). The Plaza de la Virgen de Valencia around 1870
Jose Luis Cabanes Ginés, Federico Iborra Bernad, Carlos Bonafé Cervera
- 3 Architecture of working-class like "row houses" in São Paulo and future projects - the use of georeferenced cartography
Rosana Helena Miranda
- 4 Cartographical analysis and map reconstruction: the case of Nanjing
Lina Zhang, Wowo Ding
- 5 Density Measurement and Morphological Analysis of Nanjing Urban Block based on ArcGIS Platform
Song Yacheng

F2_D URBAN MORPHOLOGY: Plot and building types (II)

15:00-17:00

Chair: Tolga Ünlü

- 1 Plot systems and property rights: morphological, juridical and economic aspects
Evgeniya Bobkova, Lars Marcus, Meta Berghauser Pont
- 2 The role of original plots and building types in the morphological research of Chinese traditional village tissues
Guo Pengyu, Ding Wowo
- 3 The role of the plot in engendering environmental quality: from unplanned favelas to the planned subdivisions of new blocks
Maria Cristina Villefort Teixeira, Marieta Cardoso Maciel, Staél Alvarenga Pereira Costa
- 4 Land Subdivision Processes in Chicago's Hyde Park Community
Minying Cheng
- 5 Stages of territorial configuration in the non-planned occupation of the Huerta de Murcia, 1929-2015
Marcos Ros, Fernando Miguel García
- 6 Type as a cultural outcome of sprawl in Brazilian new towns
Karin Schwabe Meneguetti

F2_E URBAN AND TERRITORIAL LECTURE: Regional and territorial scale

15:00-17:00

Chair: M^a Emilia Casar

- 1 The limits and region in São João del Rei: The historical center and the periphery
Rodrigo Pereira dos Reis, Adriana Gomes do Nascimento
- 2 The morphological approach in the reading of the Territorial City
Maria Gagliardi
- 3 Territorial configuration and local management of intermediate cities in the Metropolitan Area of Valparaíso: the Quilpué and Villa Alemana conurbation
Paula Kapstein López, Alberto Gurovich Weisman
- 4 Urban patterns in the Warsaw agglomeration: a "multi-method" and "multi-scale" approach
Pawel Wiktor Sudra
- 5 Urban morphogenesis: conformation of metropolitan area of Goiania, Brazil
Pedro Henrique Melo Oliveira, Glauco de Paula Cocoza
- 6 Research on the fringe belts of Shangqiu, China: a morphogenetic approach
Zijing Shen, Xirui Feng, Shuying Cheng, Yanhui Shi

F2_F URBAN MORPHOLOGY: Neighbourhood social cohesion

15:00-17:00

Chair: Clara García

- 1 Urban acupuncture as a starting point of rehumanization of urban structure which is influencing the social relations of habitants
Karolina Wrona
- 2 [In]visible spaces of recognition: politics of difference through the language of urban morphology
Mohammad Sarraf
- 3 Explaining the relationship between changes in Iranian lifestyle and metamorphosis of urban form of residential environment in contemporary Iran case study: Mashhad, Iran
Ali Abedzadeh, Abdolhadi Daneshpour, Maryam Ostadi
- 4 Perception of the urban form and its evolution: A mature modernist neighbourhood as laboratory
Marina Jiménez
- 5 The importance of public space in disaster prone cities: a morphological research agenda for the Mexican case
Milton Montejano-Castillo, Mildred Moreno-Villanueva
- 6 DiverCity: urban perception of sociocultural minority groups
Katharina Lehmann

F2_G URBAN MORPHOLOGY: Social perception

15:00-17:00

Chair: Carlos Gómez

- 1 Change of urban atmosphere in urban spaces: Case of Karakoy (Istanbul)
Ozge Celik, Eren Kurkcuoglu
- 2 Built form and urban dynamics - the ground level as an engine to the collective practice in the city
Gabriela Bonifacio dos Santos
- 3 How does urban morphology influence the walkability?
Ana Paula Borba Gonçalves Barros, Luis Miguel Martínez, José Manuel Viegas
- 4 Cultural groups and traditional dwelling typology: Evolutionary forms and Meanings in the built environment of Southern Fujian, China
Yongming Chen, Shixian Lai
- 5 The urban model and social acceptance of risks in the Girona River Basin
Yaiza Pérez Alonso, José Sergio Palencia Jiménez, Eric Gielen
- 6 Critical Spatial Practices
Carl Fraser

F2_H URBAN PUBLIC SPACE: Analysis and city structure processes

15:00-17:00

Chair: Asenet Sosa

- 1 Green spaces of a Siberian city on the example of Krasnoyarsk
Olga Bliakinshtein
- 2 Morphological analysis of urban green space: as a case of Nicosia, Cyprus
Saloumeh Khayyat Kahouei, Nevter Zafer Cömert
- 3 Linear parks understood as vertebration instruments of the city
Ignacio Bosch Reig, Luis Bosch Roig, Valeria Marcenac, Nuria Salvador Luján
- 4 Resistance & permanence of green urban systems in the Globalization Age
Rita Occhiuto
- 5 Reconfiguring welfare landscapes: A spatial typology
Asbjørn Jessen, Anne Tietjen
- 6 Vienna flying high-and ground level left behind
Angelika Psenner

F2_I TERRITORY AND LANDSCAPE: Ecology on urban configuration

15:00-17:00

Chair: César Mifsut

- 1 Urban form in special geographical conditions:
a case study in Kenting National Park
Chih-Hung Chen, Chun-Ya Chuang
- 2 A general perspective of the Galapagos urban form
Jaime Eduardo López
- 3 Threatened landscape: Transformations and permanence of natural space and built in Pontal da Barra
Emanuela Cristina Montoni da Silva, Malena dos Santos Rocha, Sara Santos da Silva, Vanessa Maria de Melo Gonçalves
- 4 Measuring compactness of the urban landscape within a city territory for environmental capabilities: the case of 50 cities in eastern China
Shuang Sophia Chen, Tong Zhang, Guangyu Li, Yue Yan
- 5 City landscape design and the role of the green/blue infrastructure in response to climate change
Camila Gomes Sant'Anna, Maria do Carmo Lima Bezerra
- 6 From ecology to landscape architecture – the role of biodiversity on urban configuration of the county of Serra (Espírito Santo, Brazil)
Janaína Schmidel Baptista

NOTES

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