

OUR COMMON FUTURE IN URBAN MORPHOLOGY

ISUF

PROGRAMME

Urban morphological theory
Urban morphological methods and techniques
The evolution of urban form
Agents of change
Revisiting urban morphological classics
Multidisciplinary in urban morphology
Comparative studies of urban form
Integrated approaches
Teaching urban form
The relations between research and practice



ISUF2014 Programme

Overview

3 July (Thursday)

Morning

- 8:00 **Registration** (from 8:00 to 13:00)
- 8:45-9:15 **Opening Session**
Luís Andrade Ferreira, Vítor Oliveira, Paulo Pinho
- 9:15-10:00 **Plenary Session 1 - Porto**
- The urban form of Porto
 Vítor Oliveira
- The metropolitan area of Porto: form, structure and dynamics
 Paulo Pinho
- 10:00-10:15 **Plenary Session 2 - Special Book Presentation**
Peter Larkham, Michael Conzen, Vítor Oliveira
- 10:15-10:45 **Coffee Break**
- 10:45-13:15 **Plenary Session 2 - Different approaches in the study of urban form**
- Conzenian research and urban landscape management
 Jeremy Whitehand
- Morphogenetic interpretation of medieval ground plans of european towns
 Jurgen Lafrenz
- Urban morphology as a disciplinary basis of architectural design
 Giancarlo Cataldi
- Space syntax as a method and as a theory
 Bill Hillier
- Pierre Gauthier (moderator)
- 13:15-14:30 Lunch

Afternoon

- 14:30-16:15 **Parallel Sessions**
- 16:15-16:45 **Coffee Break**
- 16:45-18:30 **Parallel Sessions**
- 20:00-21:30 **Welcome Reception: Câmara Municipal do Porto**

4 July (Friday)

Morning

8:30-10:15 **Parallel Sessions**

10:15-10:45 **Coffee Break**

10:45-12:30 **Parallel Sessions**

12:30-14:00 Lunch

Afternoon

14:00-15:45 **Parallel Sessions**

15:45-16:15 **Coffee Break**

16:15-18:00 **Parallel Sessions**

18:00-20:00 Free

20:00-23:00 **Dinner: *Mosteiro de São Bento da Vitória***

5 July (Saturday)

Morning

8:30-10:15 **Parallel Sessions**

10:15-10:45 **Coffee Break**

10:45-12:30 **Parallel Sessions**

12:30-14:00 Lunch

Afternoon

14:00-15:45 **Parallel Sessions**

17:00-20:00 **Porto Field Trips**

FT1. Within the area of the World Heritage List
coordinated by Fernando Brandão Alves

FT2. The 19th century and the urban transformation of Porto - from bourgeoisie to labour areas
coordinated by Jorge Ricardo Pinto

FT3. Working class housing – the Ilhas of Porto
coordinated by Manuel Teixeira

FT4. The Modernist City
coordinated by David Viana

6 July (Sunday)

Morning

9:00-9:30 **Plenary Session 3 - ISUF Project: A preliminary study for a repository of urban tissue**
Karl Kropf

9:30-11:15 **Plenary Session 4 - ISUF Task Force on Research and Practice in Urban Morphology**

Assessing the plan, the planning process and the results on the ground: Porto case study
Mafalda Silva, Vítor Oliveira

'What can you offer us?' Challenges facing the practical application of urban morphology: South Jesmond
Conservation Area, Newcastle upon Tyne, UK
Kayleigh Hancox, Michael Barke

Revitalization of Ahmedabad's informal walled city: the role of urban morphology
Nicola Scardigno, Marco Maretto

Urban morphological methodology and planning practice: The 'Plan d'Occupation des Sols' for Saint Gervais Les
Bains (Haute Savoie, France). A case study
Laurence Pattacini, Ivor Samuels

The Porto Charter

11:15-11:45 **Coffee Break**

11:45-13:00 **Closing Session**
Giancarlo Cataldi, Kai Gu, Jeremy Whitehand, Michael Barke,
Giuseppe Strappa, Frederico de Holanda, Vítor Oliveira

7 July (Monday)

Post-Conference Tours (one-day tours)

Lisbon
coordinated by Teresa Marat-Mendes and Mafalda Sampayo

Historical Centre of Guimarães
coordinated by Jorge Correia

Alto Douro Wine Region
coordinated by Helder Marques and Mário Fernandes

Useful Information:

Parallel sessions
Each parallel session has 1 hour and 45 minutes.
Each session has, in general, five presentations (there are some cases of four or six presentations).
Each presentation has 15 minutes.
The remaining time, in the end of all presentations, should be for debate involving authors and public.

Wireless

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2. Select the 'feup.conferencias' options and press 'Connect'.
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Detailed Programme Parallel Sessions (80)

		Room B031	Room B030	Room B028	Room B027	Room B022	Room B025	Room B024	Room B019	Room B018
Thursday	Afternoon	1.1	2.1	3.1	3.2	4.1	5.1	6.1	7.1	9.1
		1.2	2.2	3.3	3.4	4.2	5.2	6.2	7.2	9.2
Friday	Morning	1.3	2.3	3.5	3.6	4.3	11.3	6.3	7.3	11.5.1
		11.1	2.4	3.7	3.8	4.4	6.4	6.5	7.4	11.5.2
	Afternoon	2.5	2.6	3.9	3.10	4.5	6.6	6.7	8.1	10.1
		2.7	2.8	3.11	11.2	4.6	6.8	6.9	8.2	10.2
Saturday	Morning	2.9	2.10	3.12	4.7	4.8	6.10	6.11	8.3	10.3
		2.11	2.12	3.13	4.9	4.10	6.12	6.13	8.4	10.4
	Afternoon	2.13	2.14	3.14	4.11	4.12	11.4		8.5	10.5

Themes

- | | |
|---|-------------------------|
| 1. Urban morphological theory | Sessions 1.1 to 1.3 |
| 2. Urban morphological methods and techniques | Sessions 2.1 to 2.14 |
| 3. The evolution of urban form | Sessions 3.1 to 3.14 |
| 4. Agents of change | Sessions 4.1 to 4.12 |
| 5. Revisiting urban morphological classics | Sessions 5.1 to 5.2 |
| 6. Multidisciplinarity in urban form | Sessions 6.1 to 6.13 |
| 7. Comparative studies of urban form | Sessions 7.1 to 7.4 |
| 8. Integrated approaches | Sessions 8.1 to 8.5 |
| 9. Teaching urban form | Sessions 9.1 to 9.2 |
| 10. The relations between research and practice | Sessions 10.1 to 10.5 |
| 11. Special parallel sessions | Sessions 11.1 to 11.5.2 |

Detailed Programme

3 July (Thursday)

14:30-16:15 Parallel Sessions

Session 1.1 Chair: Michael Conzen

Modern city as modular construct
Doevendans K, Scheel A, Meulder B

The role of urban morphological theory in the contemporary urban theory (theory of the city)
Kukina I

The phantom figure of the town centre
Macken J

Interior landscapes - a paradigm shift in contemporary urban regeneration strategies
Marzot N

Session 2.1 Chair: Wowo Ding

Morphological change in Um Al Sharayet residential neighborhood - Albirah and Ramallah
Awad S

Commercial strips' evolution in a suburban context
Boursas A

Urban design and transition morphologies. Prospects for intervention in Lisbon - Alcântara
Ferreira C

Urban morphological elements studies: for describing generated urban form
Li Q, Ding W

Session 3.1 Chair: Jeremy Whitehand

Polish city from Conzenian perspective - fringe belt phenomenon in Toruń
Deptuła M

Investigating the fringe belt concept: the case of Istanbul, Turkey
Kubat A, Gumru F

Fringe belt analysis as a means to interpreting the urban evolution of Rabat
Safe S, Costa S

Transformation of the fringe belt units at the perimeter of *Avenida do Contorno* / Belo Horizonte / MG
Simão K, Costa S

The morphological evolution of northwest and northeast inner fringe belt in Macao's Portuguese town
Zheng J, Cheong K

Session 3.2 Chair: Pierre Gauthier

Urban morphology and architectural design in small towns. The case study of *San Vito Romano*
Ciotoli P

The urban layout evolution and the complexity of portuguese city
Fernandes S

The morphogenesis of Québec City's first suburbs
Gauthier P

The building of a city: private and public agreements in Montreal 1790-1850
Ruelland A, Dufaux F

Analysis on the multi-scale morphological evolution of historic centre in Shantou, China
Zhou L, Chen K

Session 4.1 Chair: Karin Schwabe Meneguetti

Influences of housing municipal policy in slum urban form: the case of *Heliopolis (São Paulo, Brazil)*
Antonucci D, Filocomo G

From informal neighborhoods to space regularization
Antunes G, Lúcio J, Soares N, Julião R

Urbanization in large slums - the challenge of urban transformation
Lacerda J, Chiesse P

Favela: informality leading spontaneity into contemporary city
Loureiro V

The origins and pathways of urban (in)formality
Rocha M

Session 5.1 Chair: Giancarlo Cataldi

Comparative notes on Saverio Muratori and Ludovico Quaroni's urban projects: typology-morphology vs intuition or Piacentini's gymnasium?
Del Monaco A

The critical doubt in typological and morphological studies of Italian school as an update to the general concept of urban space
Ieva M

Saverio Muratori. A legacy in urban design (Part I)
Maretto M

Saverio Muratori. A legacy in urban design (Part II)
Maretto M

Re-thinking city. An exemple of Ilse's multidisciplinary approach to urban morphology questions
Nicosia C

Session 6.1 Teresa Marat-Mendes

Human dynamics in the waters territory - the interaction of urban spaces and natural spaces, in the region of *Camburi*
Baptista J, Junior M, Passos R

The connection between city, river, and sea: urban planning in coastal landfills
Barea G, Weiss R, Monteiro E, Loch C

The lagoon line mutation in the urban evolution of *Sant'Antioco*. An history of productive-natural landscape
Dessi A

The study of urban form versus water management: lessons to a sustainable urban future
Marat-Mendes T, Mourão J, Almeida P

City waterfront territories: urban morphology as a key factor for sustainable development
Mezenina K

Session 7.1 Chair: Hendrik Tieben

The syntax role: differences among urban fabrics in Lisbon
Barros A

Urban transformation in meeting places: the cases of *Bursa & Yazd*
Eslami S, Kubat A

Complex-city: study of the pedestrian mobility in north and south commercial sectors of Brasília-DF
Teixeira E, Romero M

Comparing urban forms and rules of the Pearl River Delta cities: Guangzhou, Hong Kong, Macau, and Shenzhen
Tieben H, Liu D

Research on urban spatial form in provincial areas with different levels of economic development
Xiong G

Session 9.1 Chair: Peter Larkham

A constructivist approach to urban morphology: engaging students in the study of urban form
Guaralda M

Exploring pedagogical intersections between urban design and morphological methods
McClure W

Urban form in diagrams
Monteiro E

Learning about urban form in Spain
Ruiz-Apilanez B, Solis E, Ureña J, Alfaro J

Teaching and seminar of urban morphology in Peking University, China
Xiong X, Song F

16:45-18:30 Parallel Sessions

Session 1.2 Chair: Michael Conzen

Reading Lefebvre morphologically: a property-based conceptual framework in urban morphology
Bas Y

Conceptualizing the morphogenesis of the Ottoman town through urban morphological theory
Bessi O

Experience of Porto: Understanding the physical environment
Lima C

The village of *Nossa Senhora da Vitória* in the context of the portuguese urbanistic universe
Pesotti L

Spatiality of multiculturalism
Sarraf M

Session 2.2 Chair: Derry O'Connell

Urban morphology of streets in central area of *Vitoria* (ES)
Botechia F, Thompson A

Street characteristics and pedestrian experience, *Vila Real* as a case study
Duarte J, Carvalho J, Sá F

Emergent streets. The study of the form and type
Leite J

The demi-block
O'Connell D

Towards a qualitative density: from the block to the street as the urban fabric structuring unit
Vicuña M

Session 3.3 Chair: Mafalda Sampayo

The establishment and organization of mono-axial urban fabric: the *Rua Direita* in the portuguese city
Amado A

Railway as a vehicle of urban transformation, past and present of the train station
Čechová K

The evolution of street cross-section proportion in Lisbon
Proença S

The impact of Lisbon's subway development on *Avenida da República* and *Avenida da Liberdade*
Sampayo M, Silvestre C

Urban chronicles: exploring the evolution of the entrepreneurial disposition of *Coimbra* periphery
Tavares A

Session 3.4 Chair: Luisa Bravo

U+D urbanform and design: a space syntax tool for design
Carlotti P

Building garages: the evolution of built form on the periphery of London 1880-2013
Dhanani A, Vaughan L, Griffiths S

The evolution of house forms and the change of culture: a Turkish perspective
Gokce D, Chen F

Syntactic approach to cemetery morphology. Two cases in Lisbon
Bazaraite E, Heitor T, Medeiros V

Session 4.2 Chair: François Dufaux

The New Coach Museum – a Brazilian urban narrative in Lisbon
Brito S, Mateus D

Modular design in social housing: the work of Justino Morais 1960-1990
Cardim J

Fernando Távora and the portuguese urban space design
Ferreira C

Reinventing Luanda. The Urbanization Plans of the Luanda's City Council Urbanization Office
Fiúza F, Gama H

Fourth dimensions urban morphologies
Screpanti D, Carlesi P, Mancini G

Session 5.2 Chair: Peter Larkham

Early ideas of urban morphology: a re-examination of Leighly's 'The towns of Mälardalen in Sweden' (1928)
Larkham P

Urban form of contemporary compact city - case of Oslo
Marjanovic G, Thorén A

Five elements revisited: a morphological approach of Solà-Morales
Monteiro E, Turczyn D

The influence of classics on contemporary thinking - Louis Kahn and Hestnes Ferreira
Saraiva A

Relevance study: relationship of morphological characteristics between residential plot and building pattern in Nanjing
Zhao Q

Session 6.2 Chair: Paulo Pinho

Interaction between rivers and morphology of cities in Sweden
Abshirini E

Morphology and functioning of the metropolitan urban areas
Benaiche A

Urban growth in Hanoi: a retrospective analysis based on Landsat images and field survey
Luong T, Cornet Y, Teller J

The city, the river and mangroves: a case study in *San José, Santa Catarina*, Brazil
Monteiro E, Weiss R, Barea G

Urban growth and hydrography: convergences on landscape morphology
Peres O, Polidori M, Saraiva M, Santos A, Tomiello F, Santos A

Session 7.2 Chair: Jeremy Whitehand

The urban morphology concept in Brazil
Antonucci D

Gilberto Freyre's work: between urban morphology and building typology - first approaches
Aragão S, Marques A

Decipher the Babel tower: a discourse analysis of urban morphology in China
Lu A

A portuguese typo-morphological line of thought: from geography to architecture
Marat-Mendes T, Cabrita M

Meeting of minds: investigation on the common concepts and different approaches of the major schools of urban morphology
Costa S, Netto M, Moraes L

Session 9.2 Chair: Kwang-Joong Kim

Building-type and permanence of layout-plan: a study on the densification of *Los Mochis* urban fabric (Mexico)
Armiño L, Reig I, Sendra V, Vicente- Almazán G

Teaching urban form in urban design program: experiences from south korean context
Kim K

Imaging Ranha, Porto, from the subtropics. Australian architecture students search for a portuguese urbanism
Richards P

Teaching urban form in public administration context: aims and challenges
Silva P

Serious urban play - a digital game for teaching urban spatial design
Stevens N, Rosiera J, Rolfeb B, Tertonc U, Jones C

4 July (Friday)

8:30-10:15 Parallel Sessions

Session 1.3 Chair: Nicola Marzot

New perspectives on the meaning of urban form
Camiz A

A methodology for the analytical interpretation of the urban fabric
Coelho C

Ambiguity in the definition of built form
Kropf K

Disruption and origins: towards a theory of urban evolution
Scheer B

The reference 8 of chapter 2, 'Alnwick, Northumberland: a Study in Town-Plan Analysis (2nd edition)' and the research status of urban morphology in China
Wu M, Shi C, Song F

Session 2.3 Chair: Stael Pereira da Costa

Studies and hypothesis on Mdina and Rabat urban form
Camporeale A

Territorial and urban planning in northern Sinaloa
Cataldi G, López O, Mondéjar D

Typological series - a methodology for the analysis of pre-existing structures in contemporary urban fabric
Martins P

The memory of informality: the typological cycles in the self-built environment
Montejano M

From urban form to architectural design: the case of *Guasave*
Sendra V, Reig I, Armiño L, Vicente-Almazán G

Session 3.5 Chair: Catarina Marado

Planning new towns for Africa: the portuguese in *Asilah* (1471-1550)
Correia J

Outside the city walls: the mendicant complexes and the spatial dynamics of portuguese medieval towns
Marado C

The morphological lecture of the city through historic military architecture
Pastrana T, Montejano M

Transformation potential of public spaces in Osijek's fortification
Stober D, Lončar-Vicković S, Jurković Z

Athens and military architecture
Zaroulas S

Session 3.6 Chair: Susan Whitehand

The Lisbon urban block: from shape to type
Justo R

Urban block - Krakow tradition
Kantarek A

Transformation of urban blocks and property relations: cases from Historical Peninsula
Küçük E, Kubat A

Study on the morphological differences between areas through the comparative analysis of urban block
Lin X

The transformation of the urban block in the European city
Oikonomou M

Session 4.3 Chair: Michael Barke

Open-minded 'public'. Shaping urbanity on a wave of change
Bravo L

Change, utopia and 'the public': urban transformations and agents of survival in Brasilia and Rio de Janeiro
Carvalho T

A tale of two London squares: the place of morphology in contemporary urban life
Davis H

Public involvement transformation for best future of cities in Russia
Gudz T, Meltsova E, Zaharova M

Changing features of the urban structure in a transitional city
Wékel J, Koriakina P

Session 11.3 Turkish Network of Urban Morphology

Chairs: Ayse Sema Kubat

A look at the past, present and future: an overview of urban morphology research in Turkey
Kubat A

The role of TNUM in furthering urban morphology research in Turkey
Ünlü T

Session 6.3 Chair: Teresa Marat-Mendes

The natural elements on urban form: a critical analysis on the landscape construction
Baptista J, Junior M, Passos R

Experiencing the nature of the city
DeVuono-Powell S

Jucutuquara stream: understanding the dialogue between the city and its water bodies
Passos R, Baptista J, Junior M

Urban form, spatial planning and the European Landscape Convention
Silva P, Gonçalves C

Session 7.3 Chair: David Viana

A comparison between different urban analysis methods: the case study of *Rubattino-Ortica* district in Milan
Delsante I, Bertolino N, Giorgi E, Yinan Y

Past and present: an architectural survey of *Birnin Lafiya*, a *Dendi* village
Pinet J

Urban form and its implication for the use of urban spaces
Reis A

Morphogenetic analysis of *Bahçelievler* housing cooperative, Ankara: exploring the turkish case
Songülen N

Combining different morphological approaches in the study of *Maputo*
Viana D, Oliveira V

Session 11.5.1 Open spaces and the new Brazilian urban form

Chair: Silvio Macedo

Open space systems and the constitution of the contemporary Brazilian urban form: first results
Queiroga E, Macedo S

Open spaces and urban form: a systemic relation
Campos A, Queiroga E, Custódio V

Landscape units as territorial analysis procedure
Montezuma R, Tangari V, Isidoro I, Magalhães A

The landscape of sprawl: relationships between natural and urban dynamics
Coelho L, Macedo S

Urban form and land value: morphological types and patterns
Silva J, Lima F

Integrated approaches in *Vitória* Workshop: a study on open space system and the urban form in Brazil
Mendonça E

10:45-12:30 Parallel Sessions

Session 11.1 Urban food and urban form: an underexplored intersection (round table)

Chair: Joe Nasr

Nasr J, Gilliland J, Hardman M, Komisar J, Mees C

Session 2.4 Chair: Frederico de Holanda

Urbanity and legibility at *Av. Cora Coralina*, Goiânia-GO/ Brazil, from Jane's Walk movement
Farias A, Andrade L, Tenório G

The positive dissemination: interpreting a new process for urban form analysis
Gonçalves A, Tomé A, Medeiros V

City or parish: dilemmas in Brasília, Brazil
Holanda F

Intensity of use in public squares in the central area of *Florianópolis/SC* - Brazil
Maté C, Micheleti T, Saboya R, Santiago A

The sociability of the street interface - revisiting West Village, Manhattan
Palaiologou G, Vaughan L

Session 3.7 Chair: Kinda Al Sayed

From Pergamon to Bergama: revealing the 'Layer's to understand the evolution of urban form
Altinoz G

From *Tomar* to *Angra*: interpretative hypothesis of geometric pattern morphology
Dias J

Form follows function - morphological and functional change in the Hague and Detroit, 1911-2011
Kickert C

Disparity syndrome
Sarshar S, Masood J

A spatiotemporal model of growth and change in the network structure of Manhattan and Barcelona
Sayed K

Session 3.8 Chair: Renato Leão Rego

The making of the 'happiest city' in the USA: managing urban form in *San Luis Obispo, CA*
Dandekar H

Power strategies and everyday drawing a city of colonial Brazil: the *Filipéia de Nossa Senhora das Neves*
Filha M, Filho I

Morphology and structure of road crossings of the modernist urban ring of *Viana do Castelo* in the City's General Plan
Lopes J, Gúlias M, Cavaleiro R

Urbanization in the Brazilian hinterland's 'forgotten century': growth patterns in *Planaltina*
Palazzo P

From Oppidum to Suburbia: urban transformations in the medieval town of *Monção*
Torres V, Delgado J

Session 4.4 Chair: Michael Barke

Hongta group and its city: Danwei and its evolved group as an agent of change in China
Dai Y, Song F

Unidade residencial da *Reboleira Sul*
Ferreira B

Tenure of urban land
Junior D, Salgado I

Agent and morphological process
Shi C, Wu M, Song F

An introduction to the research on use pattern of Lushan National Park based on its cultural landscape process
Xiong X, Liu M, Song F

Session 6.4 Chair: Fernando Brandão Alves

A multidisciplinary approach to explore urban public spaces
Alvares L

Epistemology of public spaces - a cultural approach
Hanzl M

Public spaces and behavioral patterns. The case of *Liljeholmstorget* in Stockholm
Kariminia E

Public space and morphology of neighborhoods
Sohrabi N

Session 6.5 Chair: Stael Pereira da Costa

The urban wasteland as a stage for biogeochemical afforestation processes
Amaral R, Costa S

Sustainable mobility: the morphological planning contribution
Dufaux F, Labarthe M

The interaction between urban form and public art. Two examples on Lisbon's waterfront
Ochoa R

Cities in the intersection of environment and public arts
Şimşek G

Cities of aquifers and wind-catchers: eco-morphology of dwelling in the Persian plateau
Zamani P

Session 7.4 Chair: Wendy McClure

Revaluing urban morphology as urban heritage: case studies on Barcelona and Kyoto
Abe D

Application of morphological concepts to characterize german immigration's nucleus in Brazil
Andrade B, Taveira E, Almeida R

Spontaneous and induced form: comparing Sao Paulo, Jakarta, Hanoi and Belo Horizonte
Barbosa E, Capanema P, Tú N

Exhibition of city: what's next? The case of Lisbon 1940 vs. Rome 1942
Pegorin E

Session 11.5.2 Brazilian morphology

Chair: Silvio Macedo

Simulation techniques to analyze transformations of urban form, landscape and micro climate in *Vargem Grande*
Tângari V, Cardeman R

The urban form of the housing policy 'Minha Casa Minha Vida' in the Metropolitan Area of *São Paulo*
Donoso V, Queiroga E

Open spaces system: describing urban morphology of *Vila Mariana's* district
Degreas H, Macedo S

Urban form and multidisciplinary: contributions to the *São Paulo* Master Plan revision
Queiroga E, Meyer J, Macedo S

Public policies towards river and streams restoration: perception and appropriation
Galender F, Campos A

Morphologic transformations of public spaces in the surroundings of *Nova Lima's* churches
Maciel M, Teixeira M

14:00-15:45 Parallel Sessions

Session 2.5 Chair: Kai Gu

The *Projeto Orla* (Lake *Paranoá*, Brasília/Brazil): the production of an exclusionary margin
Lembi M, Medeiros V

Connecting strategic nodes in Stockholm's suburbs - utilizing the Place Syntax Tool in the analysis and design process
Locke R, Marcus L

The network that spreads: program my house my life and urban accessibility
Pereira G, Silva J

Mapping urban space based on visual perception
Zhuang Y, Ding W

Session 2.6 Chair: Decio Rigatti

Changing form of the Baltic cities: resurrection of the suburbs
Cirtautas M

Spatio-Structural correlates at the regional and national scales
Hillier B, Serra M

Mind the gap
Marras F

The morphology of conurbation
Rigatti D

Session 3.9 Chair: Ian Morley

Urbanization life cycle of Nablus city (1946-2015)
Ashqar H, Hadba L, Tuqan N

Hermann Jansen's *Grünstreifen* in Ankara and their transformation
Burat S

Morphological process as an instrument for knowing chronological character: a case study in *Tainan*
Chen C, Lin W

The evolution of urban form since post-war period in Taiwan - a case study of *Yonghe* city
Chen C, Tsai C

The evolution of the Anatolian townscape in the early republican period of Turkey in the case of *Mugla*
Koca F

Session 3.10 Chair: Terry Slater

Analysis of the correlated relations between ancient Chinese urban morphology and social culture
Dai J, Wang Z

The impact of culture and social relations on urban form in Iran in the historical evolution
Daneshpour A, Taghidokht H, Sabokkhiz M

Morphological evolution of urban form components in the Historical Peninsula of Istanbul
Kubat A, Kürkçüoğlu E

Grasping the meaning of the modern urban form in the Philippines: political, social, and spatial perspectives
Morley I

A code for the Islamic cities of the Gulf
Petruccioli A

Session 4.5 Chair: Michael Barke

From urban sprawl to a compact city policy: the primacy of process over form
Cavaco C

Interpret planning gap caused from accomplished roads by identifying building forms
Chen C, Liang C

Events-driven morphological process: a case study of Auckland's waterfront
Shephard T, Gibson L

The influence of the sacred on the urban form of Brazilian cities
Resende L

How big is my garden?
Wilkinson D

Session 6.6 Chair: Biao Wang

The Urban Cool Islands project, a case study crossing research and practice
Bonneaud F, Bonhomme M, Adolphe L

GENIUS, a tool to generate multi-scalar databases for urban energy studies
Bonhomme M

Energy planning from the zero level
Catarino R

The impact of urban form on wind energy potential
Wang B, Adolphe L, Cot L

Session 6.7 Chair: Jorge Ricardo Pinto

Analysis of the correlated relations between ancient Chinese urban morphology and social culture
Dai J, Wang Z

An associated study of urban form analysis and urban morphology: small cities in *Zona da Mata Mineira*, MG
Lustoza R

Heritage, urban morphology and infrastructure. Challenges for Brazilian historic cities and/ or colonial matrix
Nascimento A, Silva M

Urban morphology and social geography, in the mid-nineteenth century, in Porto
Pinto J

Session 8.1 Chair: Karl Kropf

Study on regeneration of downtown area through riverfront development as urban catalyst
Aitani K, Arima T

Taking a metabolic perspective in urban morphological analysis: the case of *Isfahan*
Kropf K, Chantalvaiee Y

Sous le pavé la plage: squares of Lisbon
Matos M

Urban morphology and the ecological paradigm
Meneguetti K, Costa S

Urban form in a systems view
Perdicoulis A

Session 10.1 Chair: Paul Sanders

The impediments for small-scale development in Miami-Dade County
Firley E, Frey A

Towards a flexible definition of limits in urban planning: controlling urban form under uncertainty.
Moreira B

The role of morphology in redesigning old downtown in The Dalles, Oregon
Neis H

Interpretation of morphological data to inform design Bridge to Bridge: Ridge to Ridge urban design workshop
Sanders P

Recovery *Machizukuri* through the creation of a network community
Shiraki R

16:15-18:00 Parallel Sessions

Session 2.7 Chair: Luisa Bravo

Configuration of urban grid and the relationship between apartments building location: case *Florianópolis*, Brazil
Corrêa A, Saboya R

Analysis of pedestrian movement: a case study in *Balneário Camboriú / Sc*
Largura A, Goettems R

Urban morphological methods in Miralles's St Catherine's courtyard type of urban design
Saura M

Boundary Line Type (BLT) Mapping: analysing the socio-spatial and material interfaces of urban form
Vis B

Session 2.8 Chair: David Viana

Mafalala grammar and the qualitative assessment of their livability requirements
Barros P, Beirão J, Viana D

Measuring morphological coherence: a performance criterion for planning
Çalışkan O, Mashhoodi B

Generating urban fabrics in the orthogonal and non-orthogonal urban landscapes
Gong Q, Li J, Wang N, Zhang X, Li Y

A generative design system for interventions in dispersed territories
Orsi F, Fiorito S, Beirão J

Session 3.11 Chair: Jorge Correia

Evolution, the current state and future of physical urban form of *Gaborone* city, Botswana
Cavrić B, Phuthologo B

Beira, a modernist landscape in tropical Africa
Fernandes M, Mealha R, Mendes R

From 'a miserable town of 150 mud huts' to 'the city that never sleeps': the transformation of *Limassol*'s urban form
Geddes I

The role of the PDAU in the urban morphology of *Saida* city in Algeria
Zatir S, Habib B, Zatir A

Session 11.2 Chinese Network of Urban Morphology

Chairs: Wowo Ding, Andong Lu

CNUM and the evolution of chinese discourse on urban form
Ding W, Lu A

The typological process and the morphological period: a cross-cultural assessment
Gu K

An application of urban morphology to a structural conservation urban design project
Hu Y

The mode of landscape and village pattern in *Changzhou*
Hua X

Spatial patterns of urban growth in *Xi'an*, China: a fringe-belt approach
Ren Y

An exploration of complementary utilization of Spacematrix, Space Syntax and Place Syntax methods in urban design
Zhang Y

Session 4.6 Chair: Ian Morley

Assessing the effects of governing thoughts on the form of cities
Daneshpour A, Soleimani A, Charbgoon N, Ashnaee T

The evolution of neighborhood model as a manifestation of political regime shift: the case of Cairo - Egypt
Ibrahim I

Land use regulations in *São Paulo*: possible new paths
Silva J

Long term urban trans|form|ations and tactical urbanism short-term actions
Silva P

Power, ideology and space re-generation: Istanbul case
Özden P

Session 6.8 Chair: Cristina Teixeira

Impact of sectoral urban development of *Muritala Muhammed* International Airport, Lagos on traffic flow
Fashina O, Agamah F

Morphological structure and system community facilities
Schäfer K, Oliveira L

Housing development transformations: political directives and post-occupation life
Teixeira M, Maciel M, Alonso P

2014 World Cup in Brazil: what about urban mobility in Metro *Porto Alegre*?
Ugalde C, Braga A, Rigatti D, Zampieri F

The urban morphology around elevated station of urban rail transit in China
Yao M

Session 6.9 Chair: Paulo Pinho

Unsustainable empty for inadequate use of urban space
Carvalho M

Interactions between agricultural-systems and urban forms in Sardinian villages
Dessi A

Resilience thinking and urban form: a contribution to the spatial analysis of the territory
Martins A, Cruz S, Pinho P

Study on the sustainable development of urban fringe at the background of urban and rural co-ordination in China
Ying W

Session 8.2 Chair: Marco Maretto

The population spatial evolution impacts on urban morphology in urbanization process of China
Chen C, Zhou W

Effects of migration processes on urban form
Guimarães A, Neto P

Diaspora typo-morphology analysis: a study of post-colonial city in critical approaches
Huang P, Kuo C

Morphological analysis of the informal city. The *Villa 31* in Buenos Aires. Argentina
Maretto M, Amato A, Boggio N, Catanzano G, Corvigno A, Bandieri G

Urbanization in the Ave Valley region: more than a sum of building projects?
Travasso N, Casas Valle D

Session 10.2 Chair: Ivor Samuels

Urban form study for better future of the city
Kantarek A

The relation between research on urban morphology and planning
Maistrou E

The morphological dimension of planning documents: case study Belgrade, capital of Serbia
Niković A, Đokić V, Manić B

Future urban changes through design guidance: new principles
Sepe M

Changing patterns of urban development in turkish cities: an investigation into planning practice
Ünlü T

5 July (Saturday)

8:30-10:15 Parallel Sessions

Session 2.9 Chair: Stephan Marshall

An area structure approach for town plan analysis
Marshall S

The intensity of smallness and urban character: the case studies of Yanesen and Jiyugaoka precincts in Tokyo
Muminović M

Mapping micromorphologies using 3D surveying technology: 'Qilou' architecture in the Xiguan district of Guangzhou
Shutter L

Typological atlases of block and block-face
Vialard A

Analysis and modeling of spatial changes: identification and quantification of urban growth in *Florianópolis*-SC-Brazil
Weiss R, Santiago A

Session 2.10 Chair: Tolga Ünlü

Source of resilience in the urban form of Naiwan area in Kesennuma
Abe T, Satoh S

São Paulo: a legal reading of urban form
Barbosa E

Air oriented urban form: to develop an Eco-City in the tropical urban area
Mamun M, Begum A

Urban form regulation methods: Garden City and Low Carbon Cities
Mourão J

Analysis of tools and 'patterns' for assessment of urban sustainability to promote design quality
Otto E, Andrade L, Lemos N

Session 3.12 Chair: Jorge Correia

Analyzing the effects of hot and arid climate on the form of historic cities of Iran
Daneshpour S, Nedoushan M

Island-City / City-Island: Island precincts and evolving urban morphology of Abu Dhabi, UAE
Mishra A

Mapping the urban form. Coastal fishing villages in *Algarve*
Pacheco M, Heitor T

Spatial and economic integration of mill towns with their surrounding urban environment
Rohloff I

Evolved urban form to respond to extreme sea level events in coastal cities
Wang L, Han J

Session 4.7 Chair: Decio Rigatti

Tourism and mega-events: the birth of a conflict culture in *Belo Horizonte*, Brazil
Bessa A, Álvares L, Barbosa T

Within and outside virtual walls
Braga A, Trusiani E, Rigatti D, Ugalde C, Zampieri F, Reckziegel D

Analysis of urban morphology on festival space decorated on urban space
Matsuura K

From planned decentralization to unplanned urban development: manipulation of 1990 Ankara Plan
Özler O

Mi casa es tu casa: the creation of the *Rambla del Raval* in Barcelona, between urban renewal and touristic branding
Scarnato A

Session 4.8 Chair: Feng Song

Assessing the impacts of musealisation on urban form: the case of *Sultanahmet* Archaeological Park in Istanbul's Historic Peninsula
Aykaç P

A site that has been rearranged and then rehabilitated and then renewed
Dinler M, Guchan N

Public space and commons as the main resource for the rehabilitation of social housing settlements in Italy
Gullì L, Zazzi M

The role of municipality in urban regeneration: the case of Lisbon's eastern waterfront
Nevado A

The re-appropriation of industrial sites in the urban form of the post-communist city
Statica I

Session 6.10 Chair: Fernando Brandão Alves

Densification process of *Copacabana* neighbourhood over 1930, 1950 and 2010 decades: comfort indexes
Drach P, Barbosa G, Corbella O

Dynamics interactions between urban form, green spaces and environmental quality in two metropolitan areas in Brazil
Montezuma R, Pezzuto C, Albuquerque C

A construction perspective of urban morphology study in Shanghai alleyway house
Ni J, Liu G

Assessment of the 'local climate zones' in area residential with low-rise buildings. The case of *Campinas*, Brazil
Pezzuto C, Monteiro V

Contributions to the study of urban morphology
Dias F, Campos M

Session 6.11 Chair: Ayse Sema Kubat

Impact of spatial structure on women's travel in urban areas in Pakistan
Ahmed W, Imran M, Scheyvens R

Evolution of sociometric layout as a reflection of cultural changes
Hanzl M

The effects of urban form on levels of integration of housing schemes and social interaction among residents
Lay M, Lima M

Residential vilas in *Rio de Janeiro*: sustainability of a historic housing type
Rio V, Alcantara D, Cardeman R

Understanding the built form through the female service workers' experience of urban space: the case of Istanbul
Sungur C, Kubat A, Guloksuz E

Session 8.3 Chair: Kai Gu

The implementation of urban plan strategies in *Sintra*: integration, identity and development
Cardim J, Borges T, Fiúza F

Integration of public spaces into the urban environment in case of Perm
Kuznetsova A, Maximova S

In between public and private space: the role of cul-de-sacs in the historic urban form of *Antakya*
Rifaioğlu M, Güçhan N

A method for planning viewing spots and cityscape control
Yamamoto D, Kawahara S

Session 10.3 Chair: Ivor Samuels

Density, urban form and quality of life
Beaurin C, Raymondon G, Andersen I, Dias S

Study on relationship between urban morphology and policy in China
Gao C, Ding W

Re-trial the role urban morphology in Taiwan's modern planning mechanism
Huang Y

Current urban regulation and its limits regarding urban form in Brazilian cities
Silva J

A subtropical urban taxonomy: the tension of research informing practice
Richards P

10:45-12:30 Parallel Sessions

Session 2.11 Chair: Frederico de Holanda

The implication of the adoption of ICT on the fractal dimension of urban systems of Lagos megacity
Akindeju O

The study of territorial development cycles and settlement morphologies through of geosimulation techniques
Lombardini G

Modeling urban growth patterns across geographical scales by a fractal diffusion-aggregation approach
Murcio R

Hybrid cellular automaton – agent-based model of informal peripheral development in Latin American cities
Santos A, Polidori M, Peres O, Saraiva M

Simulation of urban growth on cellular spaces using accessibility measures
Saraiva M, Polidori M, Peres O, Santos A

Session 2.12 Chair: Karl Kropf

Connections and spatial patterns of urban ecosystems for water sensitive urban design in the housing sector *Taquari*
Andrade L, Hills S, Blumenschein R

Mapping urban village as a form of urban ecology
Dou P, Ding W

Systemic analysis as tools for interaction
Meunier

Understanding the relationship between urban form and microclimate conditions in urban planning
Villadiego K

Urban street tree modelling using high polygon 3d models with photometric daylight systems
White M, Langenheim N

Session 3.13 Chair: Teresa Marat-Mendes

Restelo neighbourhood: a paradigmatic example of urban form overlapping
Almeida P

Tradition vs. modernity in urban form in Portugal, 1934-1960: *Planos Gerais de Urbanização*
Dias J

When the actions of the Office of PDRL transform planning a bureaucratic and operational discipline
Ferreira B

Utopia and reality: from Étienne de Gröer to the late 20th century. *Évora*, Portugal
Monteiro M, Tereno M, Tomé M

Campo Alegre, 1940-1994. The evolution and persistence of a territorial intend
Ramos S

Session 4.9 Chair: Paulo Silva

Urban mobility - urban mutations. Means transport and morphological changes in the city of Belém
Andrade F, Silveira I

Urban road and street planning as part of urbanization: integration or separation?
CasasValle D

Accessibilities as an agent of change in urban form
Silva P

The dynamics of structures impacting Transit Oriented Development in *Noorderkwartier* Area
Waaijer A

Tracing urban catalyts in *Noorderkwartier* area
Waaijer A

Session 4.10 Chair: Marco Maretto

Actors of formation in urban periphery: Çayyolu case
Kiziltaş A

Development of a suburb, through series of unfortunate events
Kristjánisdóttir S

Metropolitan dialogues: Lisbon's external and place specific agents of change
Moreira I

Managing the mark of the memory: a case study on the North Dublin Victorian fringe-belt
Moreira M

Heavier challenges - fewer resources: lens for a new urban reality in Lisbon
Morgado S, Moreira I, Vargas J

Session 6.12 Chair: Howard Davis

Characterization of the relationship between commercial plots and building patterns
Jiang J

The commercial-residential building: an architectural process to understand the socio-economics of urban morphology
Narvaez L

Municipal average building capacity
Rebello E

The morphological sense of commerce
Saraiva M, Pinho P

Modern tendencies of the location of office functions in European cities
Zawada-Pęgiel K

Session 6.13 Chair: Jason Gilliland

The systemic focus on walkability and urban form
Barros A

Safety in relation to the urban form
Benko M

Impact of walkable urban form on social security – a study of Naragh in Iran
Daneshpour A, Sabokkhiz M, Jalili S, Taghidokht H

By *São Paulo* sidewalks: urban form and walkability
Degreas H, Katakura P, Santos C

Urban morphology: a prescription for healthy built environments?
Gilliland J

The elements of urban morphology which influence residents' leisure walking activities: case study of Shanghai
Mao J, Chen Y

Session 8.4 Chair: Pierre Gauthier

How to find spatial patterns for criminality in urban areas
Almeida H, Serdoura F, Guinote H

Assessing the impacts of urban barriers on the arterial system of the city: a case study in Montréal, Canada
Buzzetti J, Gauthier P

Urban form and orientation in urban space
Kantarek A

Urban form and social output
Krafta R

Mapping and morpho-typological inferences in low-lying coastal *Tianjin*
Wang, L, Li L, Gong Q

Session 10.4 Chair: Giuseppe Strappa

Shaping the city. Public space in the (re)construction of portuguese contemporary city
Coelho R

An urban analysis method for the historic city - the *Castelo* and *Alfama* hill in Lisbon
Costa A, Crespo A, Gonçalves J

Empty vacant - redefining interior's block voids in *Guimarães*
Dias J, Ochoa R, Suárez M

Urban design and transition morphologies. Prospects for intervention in Lisbon - *Alcântara*
Ferreira C

Morphological analysis as support for interventions in public spaces in historic cities
Filha M, Azevedo M, Silva A

10:45-12:30 Parallel Sessions

Session 2.13 Chair: Tolga Ünlü

The recomposition of urban public spaces. Case study of the historic centre of *Noale*, Italy
Pietrogrande E, Caneva A

Landscape design method toward tops of surrounding mountains in Japanese castle towns
Sugano K, Satoh S

Measuring urban canyons with a real-time sky view factor modelling
White M

An approach on describing the street skyline: a framework for identifying street's spatial significant lines
Yang H

Session 2.14 Chair: François Dufaux

Urban form and accessibility to rail transit stations: a case study of Auckland
Adli S

Morphology and typology of multi-storey car park: the case of *Vitória*, Brazil
Borges H

Reciprocities in spatial positioning of airport and city
Mashhoodi B, Wandl A, Timmeren A

Systems thinking for new perspectives on urban form - a case study of urban transport corridors
Stevens N, Salmon P

How urban form influences accessibility: calculating several measures for distinct urban contexts in Portugal
Vale D, Alves R, Saraiva M, Pereira M

Session 3.14 Chair: Manuel Teixeira

Is there a transversal organic pattern? *Favela* and its diachronic relations
Loureiro V, Medeiros V

Urban planning failure and the tale of two informal neighbourhoods of *Accra*, *Nima* and *Old Fadama*
Owusu G, Awumbila M, Teye J

The *ilhas* of Porto and the 'self-improvement' urbanism: the inhabitants as engine of urban transformation
Sena N, Doevendans K, Rousseau S

From housing to city. Lisbon's public housing promotions - 1910 / 2012
Serpa F

The *ilhas* of Porto, a fundamental component of the city's nineteenth century urban morphology (Part I)
Teixeira M

The *ilhas* of Porto, a fundamental component of the city's nineteenth century urban morphology (Part II)
Teixeira M

Session 4.11 Chair: Feng Song

Similar processes, divergent outcomes
Kuyucu T, Daniş D

The built form of technology campuses: an exploratory study
Magdaniel F

New university complexes as a force of shaping the urban form of the medium sized cities in contemporary Iran
Nasserian A, Klets V, Kalbasi S

Urban black holes: the rural in the urban as liminal spaces from where to build a new city
Santos P, Pena-Corvillon D

Exploring university morphology
Silva L, Heitor T

Session 4.12 Chair: Art McCormack

Aging as an agent of change in the way how we occupy our territory
Bordalo A, Matos M

Confederations Cup 2013 in Brazil and urban conflicts manifest in *Belo Horizonte* / MG
Gonçalves R, Simão K, Araújo J, Pedrosa A

Urban Conflicts Observatory of *Belo Horizonte* / MG: sociospatial processes reading from conflicts
Gonçalves R, Simão K, Araújo J, Pedrosa A

Towards sustainable transformation in urban historical quarters
Jie H

Urban morphologies of alternative spaces: a case study of *Tehran*
Soleimani B, Staub A

Session 11.4 The Middle Eastern Cities and Isfahan School of Urban Morphology Chair: Farnaz Arefian

Short film/visual introduction - Silk Cities

Islamic Cities and Isfahan School of Urban Design: morphological learning from a masterpiece
Arefian F, Estaji H, Jabbari M, Koledova A, Fatemi M

Qazvin in the Middle East & Porto in Europe: a comparison of their urban morphologies
Jabbari M, Ramos R

Session 8.5 Chair: Renato Leão Rego

Industrial-housing ensembles at Lisbon - morphology and spacialization
Antunes G, Lúcio J, Soares N, Julião R

An urban taboo
Falsetti M

Classical ideas, progressive aspirations: academicist urbanism designing northern *Paraná* new towns
Rego R, Ribeiro T, Taube J

Graphing History: the example of early american studies of japanese settlements forms
Santini T, Taji T

European spatial paradigms. Urban infrastructural morphologies
Triggianese M, Berlingieri F

Session 10.5 Chair: Giuseppe Strappa

Reviving the heart of a historical metropolis
Ismail K

Urban design guideline for upgrading environmental quality of *Niayasar*; emphasis on morphological dimension
Lari S, Dehkordi N

Employing typomorphology to restore collective city memory through urban design in Taiwan
Lin M, Tsao C

Project MEAVS / Mapping East Asian Vernacular Settlements
Shutter L

Urban morphology of historic fabrics and contemporary architectural design. The case study of *Lazio*
Strappa G

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