## Conference Programme: Monday 13 July 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30</td>
<td>COFFEE</td>
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<tr>
<td>9:00</td>
<td><strong>Registration Balcony</strong> 9:00-10:30</td>
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<tr>
<td>9:00</td>
<td><strong>Workshop 1</strong> 9:00-10:30 Introduction to architectural &amp; spatial computing</td>
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<td></td>
<td>Tasos Varoudis and Reinhard König, with Vasileios Papalexopoulos and Petros Koutsolampros</td>
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<td>Leolin Price Lecture Theatre</td>
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<td>10:30</td>
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<tr>
<td>10:45</td>
<td><strong>Registration Balcony</strong> 10:45-12:30</td>
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<tr>
<td>10:45</td>
<td><strong>Workshop 2</strong> 10:45-12:30 Space syntax toolkit for QGIS</td>
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<td>Jorge Gil</td>
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<td>Levinsky Room</td>
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<td>12:30</td>
<td>LUNCH</td>
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<tr>
<td>13:30</td>
<td><strong>Registration Balcony</strong> 13:30-16:00</td>
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<tr>
<td>13:30</td>
<td><strong>Workshop 1</strong> 13:30-16:00 Introduction to architectural &amp; spatial computing</td>
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<td>Leolin Price Lecture Theatre</td>
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<td>16:00</td>
<td>TEA</td>
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<td>16:30</td>
<td><strong>Opening event - Kennedy Hall</strong></td>
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<td>Introduction - Kayvan Karimi</td>
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<td>Welcome - Bob Shiel</td>
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<td>Keynote paper: What are cities for? And how does it relate to their spatial form? - Bill Hillier</td>
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<td>Symposium programme - Tom Bolton &amp; Garyfalia Palaiologou</td>
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<tr>
<td>18:10</td>
<td>BREAK</td>
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<tr>
<td>19:00</td>
<td>Opening Reception</td>
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<td>North Cloisters, University College London, Gower Street, London WC1E 6BT</td>
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<td>Welcome - Alan Penn</td>
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</table>

**Conference Programme:**

- **SSS 10**: 10th International Space Syntax Symposium
- **Location**: UCL Institute of Child Health, 30 Guilford Street, London WC1N 1EH
- **Organizer**: The Bartlett Space Syntax Laboratory

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### Workshop 1: Introduction to architectural & spatial computing

- **Speakers**: Tasos Varoudis and Reinhard König, with Vasileios Papalexopoulos and Petros Koutsolampros
- **Location**: Leolin Price Lecture Theatre

### Workshop 2: Space syntax toolkit for QGIS

- **Speaker**: Jorge Gil
- **Location**: Levinsky Room

### Workshop 3: Introduction to depthmapX

- **Speaker**: Akkelies van Nes
- **Location**: Lower Ground Floor Seminar Room
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:00</td>
<td>Registration</td>
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<tr>
<td>10:00</td>
<td>Paper session A1 - Architecture of teaching and learning Kennedy Hall.</td>
<td>Lower Ground Floor Seminar Room.</td>
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<tr>
<td>11:30</td>
<td>Paper session A3 - Crime and safety Levinsky Room.</td>
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<tr>
<td>12:15</td>
<td>Paper session A4 - Space and social justice Lower Ground Floor Seminar Room.</td>
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<tr>
<td>13:00</td>
<td>Lunch</td>
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<tr>
<td>14:00</td>
<td>Curated paper session A5 - Open syntheses Sam Griffiths and Vinicius Netto (Convenors) Kennedy Hall.</td>
<td>Lower Ground Floor Seminar Room.</td>
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<tr>
<td>15:30</td>
<td>Paper session A7 - Network analysis methodologies Levinsky Room.</td>
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<tr>
<td>16:15</td>
<td>Paper session A8 - Transport and networks Lower Ground Floor Seminar Room.</td>
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<td>17:00</td>
<td>Paper session A9 - Housing Kennedy Hall.</td>
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<tr>
<td>17:45</td>
<td>Paper session A10 - Complex buildings Leolin Price Lecture Theatre.</td>
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<tr>
<td>18:30</td>
<td>Paper session A11 - Urban planning Levinsky Room.</td>
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<td>19:15</td>
<td>Paper session A12 - Shopping and retail Lower Ground Floor Seminar Room.</td>
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<td>20:00</td>
<td>Free Evening</td>
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**Paper session A1 - Architecture of teaching and learning Kennedy Hall.**
- 10:00 - Production of spatial complexity in an educational building - Xueling Dai, Qi Dong, Qunhui Guo
- 10:05 - Thinking spatial networks today - The 'Vastu Shastra' way - Priyambara Das, Prachi Rampuria
- 10:10 - Ethnic groups and their spatial behaviour in Rotterdam's neighbourhods - Lij-Aghabek, Akiliees van Nes
- 10:15 - Successional segregation in Gerani, Athens - Unpacking the spatial structure of an immigrant quarter - Athina Vlachou, Laura Vaughan

**Paper session A2 - Urban morphology Leolin Price Lecture Theatre.**
- 10:45 - Towards spatial network multiplicity: A reference to Bangkok - Apiradee Kasemsong, Phreewya Boomchaisuprayuk
- 10:50 - Spatial profiles of urban segments: Assessing place vulnerability to crime - Circe Monteiro, Raffaella Cavalcanti
- 10:55 - Relationship between some physical spatial variables and four types of street crimes - António Reis, Thais Andorly, Luiza Marcon
- 11:00 - A tale of three beaches: profiling seaside neighbourhoods in Natal, Brazil - Lucia Donegan, Edila Trigueiro

**Paper session A3 - Crime and safety Levinsky Room.**
- 11:30 - The perceived safety and spatial behaviour in three different neighbourhods in southern Rotterdam - Akiliees van Nes, Lisa de Roo
- 11:35 - The hidden corruption of American regular girls: Why space-syntax doesn't work in the United States, even though it looks like it should - Mark David Mayor

**Paper session A4 - Space and social justice Lower Ground Floor Seminar Room.**
- 12:15 - The spatial and social organisation of teaching and learning - The case of Hogwart's School of Witchcraft and Wizardry - Kerstin Sailer
- 12:20 - The spatial and social organisation of teaching and learning - Andrea Pera Vieira, Mário Krüger

**Curated paper session A5 - Open syntheses Sam Griffiths and Vinicius Netto (Convenors) Kennedy Hall.**
- 14:00 - Experiencing three-dimensional museum environments: An investigation of the Ashmolean Museum and the Museum of Scotland - Athina Lazaridou, Sophia Psarra
- 14:45 - Introducing random walk measures to space syntax - Dnri Fidler, Sean Hanna
- 15:30 - The effects of perceived and objective measures of home environment on transportation and recreational walking among children - Demet Yalıstepe, Ayse Odibi

**Curated paper session A6 - Cognition Ruth Connney Dalton (Convenor) Leolin Price Lecture Theatre.**
- 14:45 - Linking humans to humans in space syntax theory - Lars Manous
- 15:30 - Evaluating isovists - The egocentric perspective - Elaite Emi
- 16:15 - Examining "edge effects": Sensitivity of spatial network centrality analysis to boundary conditions - Jorge Gill
- 17:00 - Embedding configurational models in BIM and Smart City frameworks - Kinda Al Sayed, Mark Ber, Dan Palmer and Alan Penn

**Paper session A7 - Network analysis methodologies Levinsky Room.**
- 15:00 - Interaction rituals and co-presence - Linking humans to humans in space syntax theory - Lara Manous
- 15:45 - Reflections on space syntax as sociospatial theory - Vinicius Netto
- 16:30 - Cultural cognitive differences in the spatial design of three-dimensional game environments - Alan Summers
- 17:15 - Classification of neighbourhoods through quantifiable spatial attributes - Feresoula Gkanidou, Martin Austwick, Sean Hanna

**Paper session A8 - Transport and networks Lower Ground Floor Seminar Room.**
- 16:05 - Parallel planning - An experimental study in spectral graph matching - Richard Schaffranek
- 17:00 - Embedding configurational models in BIM and Smart City frameworks - Kinda Al Sayed, Mark Ber, Dan Palmer and Alan Penn

**Paper session A9 - Housing Kennedy Hall.**
- 16:30 - Visual layering as a spatial quality in contemporary Cypriot houses - Christakis Chatzichristos, Elia Kracas
- 17:15 - Visual layering as a spatial quality in contemporary Cypriot houses - Christakis Chatzichristos, Elia Kracas

**Paper session A10 - Complex buildings Leolin Price Lecture Theatre.**
- 16:55 - Slicing the cake: An isovist-based analysis of computerised workplace configuration - Melissas Paulus Bank
- 17:45 - Spatial layout and spontaneous behaviour for people with dementia: A study of adult day-care centres - Congsi Hou, Gesine Marquardt

**Paper session A11 - Urban planning Levinsky Room.**
- 17:00 - Exploring the impact of road traffic impedance and built environment for vulnerability mapping of evacuation areas - Case study of Hyderabad city - Rajesh Chaturvedi, K S Rajan
- 17:45 - The perceived spider's web of Vastu Shastra way - Athina Vlachou, Laura Vaughan

**Paper session A12 - Shopping and retail Lower Ground Floor Seminar Room.**
- 18:00 - Exploring the approach to manage flood risk in river-cities - Angela Espisito, Valerio Di Pinto
- 18:45 - Distribution of shoppers in multilayered shopping complex: Estimation of shopper density considering escalators, elevators, stairs - Natsumi Saruyama, Tatsuya Kishimoto

**Free Evening**
- 19:30 - Mike Watt - Defining cities, regions and nations as percolation networks
- 20:15 - Eiman Sultan Khan - Keyvan Karim
Conference Programme: Wednesday 15 July 2015

9:00 - 10:30

Plenary B - Kennedy Hall
Karstin Sailer (Chair)
Sarah Harvey - The Pixel Effect: Implications about creative collaboration

10:30 - 10:45

COFFEE

10:45 - 11:10

Paper session B1 - Housing design
Kennedy Hall.

11:10 - 11:35

Paper session B2 - Urban morphology
Leolín Price Lecture Theatre.

11:35 - 11:50

Paper session B3 - Space syntax methodological developments
P.U.W Seminar 1.

11:50 - 12:05

Paper session B4 - Informal urbanism
Lower Ground Floor Seminar Room.

12:05 - 12:20

Paper session B5 - Complex buildings
P.U.W Seminar 2.

12:20 - 12:25

12:25 - 14:00

LUNCH

Curated paper session B6 - Big Data
Kerstin Sailer (Convenor)
Kennedy Hall.

14:00 - 14:25

Curated paper session B7 - Visualisation and computational techniques
Taos Veroudis (Convenor)
Leolín Price Lecture Theatre.

14:25 - 14:50

Paper session B8 - Cycling and pedestrian movement: Patterns of behaviour
Leolín Price Lecture Theatre.

14:50 - 15:15

Paper session B9 - Urban morphology
Lower Ground Floor Seminar Room.

15:15 - 15:40

Paper session B10 - Spatial cognition
P.U.W Seminar 2.

15:40 - 16:05

Discussion - invited discussant Paola Taboura
Discussion - invited discussants: Sean Hanna, Reinhard Köhler

16:05 - 16:30

TEA

16:30 - 16:55

Paper session B11 - Space and society
Kennedy Hall.

16:55 - 17:20

Paper session B12 - Cultural and educational buildings
Leolín Price Lecture Theatre.

17:20 - 17:45

Paper session B13 - Strategic urban planning
P.U.W Seminar 1.

17:45 - 18:10

Paper session B14 - Urban morphology
Lower Ground Floor Seminar Room.

18:10 - 18:15

Paper session B15 - Homes and buildings
P.U.W Seminar 2.

18:15 - 19:00

BREAK
Conference Programme: Thursday 16 July 2015

**From** | **To**
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9:00 | 10:30

**Plenary C - Kennedy Hall**
Past, present and future space syntax research - short presentations from past and current conference organisers:
- London (Laura Vaughan), Brasilia (Frederico de Holanda), Atlanta (John popcorn), Delhi (Atikules van Nes), Istanbul (Ayse Sema Kubat), Stockholm (Lars Marcus), Santiago (Margarita Greene), Seoul (Young Ok Kim)
- Kayvan Karimi - Space syntax in policy and practice

10:30 | 10:45
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**COFFEE**

10:45 | 11:10
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123 - Using space syntax to analyse stress perception of open public space - Martin Knolli, Ying Li, Katrin Neuhueser, Annette Rudolph-Cliff
- 096 - Social transformations, informal transformations. A study on configurational changes and their relationship with urban dynamics in Via Paranoa - Matias Oiaranza, Frederico de Holanda, Valerio Medeiros
- 040 - Evolving syntactic structures of Baghdad: Introducing 'transient' as a way to study morphological evolution - Dhinghram Abbasboly, Mabubu Rashid
- 042 - Morphological aspects of the old centre of Galicia - Juliana Arrais, Valerio Medeiros
- 020 - The cultural events and their pattern of locations in the 'Beyoğlu' urban area - Güzin Yeliz Kalya

11:10 | 11:35
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124 - Ecological space and cognitive geometry: Linking humans and environment in space syntax theory - Lars Marcus
- 097 - The effects of spatial relations in property-led regeneration - Oisim Ozen, Turgay Koray Karazam, Elif Ksar Korazam
- 060 - Migration and lag of centres during city growth - Emil Schupaz
- 073 - Evaluating the impacts of an urban design project: Multi-phase analyses of Teksim Square and Gezi Park, Istanbul - Ayse Sema Kubat, Oisim Ozen, F. Belgin Gumuz, Gorsev Argin
- 106 - Gender and urban space: The Case of Sharjah, UAE - Yasemin Inci Gurey, Ayse Sema Kubat

11:35 | 12:00
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125 - Exploring children's perceptions and experiences of outdoor spaces - Nazire Ozgece, Enric Edigü, Meray Taluğ
- 099 - An ecology of the suburban hedgerow, or: How high streets foster diversity over time - Laura Vaughan, Ilkka Török, Ashly Dhanani, Sam Griffiths
- 351 - The Capibaribe Park: Restructuring the urban fabric of the city of Recife by articulating public spaces - Luiz Marcos Carvalho Filho, Winterh Ferraz de Sá, Carolina Pottini, Circe Monteiro
- 137 - Mapping urban change: The adaptive capacity of coastal fishing villages: Algarve (Portugal) and Paraná (Brazil) - Mafalda Pacheco, Jasaura Silva, Teresa Hettor
- 108 - Streets for co-presence? Mapping potentials - Arati Hegele, Meta Berghauser Pont, Lars Marcus

12:00 | 12:25
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143 - Using laser scanning to produce 3D models of real environments - Nicholas S. Dalton, Ruth Conroy Dalton, Ivan Peterer, Sarah Clinch
- 100 - Building density of parcels and block-faces from a syntactical, morphological and planning - Alice Vaidal, Armin Carpenter
- 140 - Perceptions of livability in the urban realm: Between the physical attributes of the built environment and the anti-social behaviour of its users - Reem Zak
- 135 - Beyond informality. Traders as space experts in their own informal settlements - Abdellahkai A. Mohmed, Atikules van Nes, Mohammad A. Salheen

12:25 | 14:00
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**LUNCH**

Curated paper session C6 - Design and informality
- Sophia Psara (Convenor)

Curated paper session C7 - Exploring large territories with space syntax and GIS
- Jorge Gil (Convenor)

Curated paper session C8 - Cycling and pedestrian movement: Methods
- Leolin Price Lecture Theatre.

Curated paper session C9 - Urban morphological studies
- Lower Ground Floor Seminar Room.

Curated paper session C10 - Urban economies
- PUW Seminar 2.

14:00 | 14:25
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013 - Spatial and social patterns of urban interiors - The architecture of SANA - Marcela Aragüez, Sophia Psara
- 050 - Inter and intra block variability: A case study using scale - S. Daw Haynes
- 067 - Momentum integration: The syntax of cycling - Nicholas S. Dalton
- 059 - Oxen in the backstreet: Tracing an old rural route within the modern city - Kyung Wook Seo, Dahyong Choe, Tuyoshi Kigawa
- 092 - The effects of accessibility factors on land values in the CBD of Izmir - Emine Duygu Kahraman, Ayse Sema Kubat

14:25 | 14:50
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015 - Disciplined informality: Assembling un-programmed spatial practices in three public libraries of Medellín - Caua Capillie, Sophia Psara
- 074 - How do UK regional commuting flows relate to spatial configuration? - Stephen Law, Laurens Versluis
- 077 - Measuring bikability: Space syntax based methods applied in planning for improved conditions for cycling in Oslo - Tobias Nordström, Bendik Mann
- 094 - Urban transactions: Investigating the relationship between spatial preference and spatial configuration in the city of Leeds - Kevin Muldoon-Smith, Paul Greenhalgh, Ruth Conroy-Dalton, Seraphim Alvanides, Helen King and Bradley Sparkes
- 104 - Visibility affecting gender aspects in middle income group apartments in Dhaka - Catherine Daly Gomes

14:50 | 15:15
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113 - Planned political capitals: From conceptual ideas to lived constructs. The case of Washington DC, Brasilia, Abuja and Astana - Tara Oramas Doria
- 084 - Exploring countryside spaces: Spatially-structured correlate at the national scale - Miguel Serra, Bill Hillier, Kayvan Karimi
- 075 - Easiest paths for walking and cycling: Combining syntactic and geographic analyses in studying walking and cycling mobility - Pirouz Nourian, Franklin van der Heuven, Samaneh Rezvani and Selvi Sayarjodeh
- 112 - Unjust urbanities: Spatially reinforcing patterns of segregation - Csilla Ödendahl

15:15 | 15:40
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131 - The impact of an urban cable-car transport system on the spatial configuration of an informal settlement. The case of Medellín - Paul Goodship
- 091 - Distances, accessibility and attractiveness: Urban form correlates of willingness to pay for dwellings examined by space syntax based measurements in GIS - Axel Heyman, Bendik Mann
- 080 - Pedestrian risk index for tidal city, Jordan - Bushra Obiedat, Imad Al-Hashimi
- 095 - The architectural adaptation of urban economic life: Location, use and form of the commercial-residential building in Cardiff - Laura Narwaza, Alan Penn, Sam Griffiths
- 114 - Configurational characteristics of sociospatial segregation in Brazilian cities - Timoteo Schroeder, Renato Saboya

15:40 | 16:05
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Discussion

16:05 | 16:30
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**TEA**

16:30 | 18:10
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**Closing event - Kennedy Hall**
Past, present and future space syntax research - short presentations from past and current conference organisers:
- Alan Penn (Chair)
- Kayvan Karimi - Space syntax in policy and practice
- John popcorn - Q&A - Panel discussion

18:10 | 19:00
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**BREAK**

19:00 | 22:00
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Closing dinner
Rotunda Restaurant, King’s Place, 90 York Way, London N1 9AG

UCL Institute of Child Health, 30 Guilford Street, London WC1N 1EH

10th International Space Syntax Symposium

The Bartlett Space Syntax Laboratory
# Conference Programme: Friday 17 July 2015

**Walking Tours**

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Walking Tour 1</th>
<th>Walking Tour 2</th>
<th>Walking Tour 3</th>
<th>Walking Tour 4</th>
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<tbody>
<tr>
<td>10:30</td>
<td>13:00</td>
<td>Olympic Park, Stratford - Alan Penn</td>
<td>Bill Hillier’s City of London - Anna Rose</td>
<td>East End - Ashley Dhanani</td>
<td>South Bank - Tim Stonor</td>
</tr>
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13:00 **Conference Closes**