

IBEA Workshop



15th December 2011

**Loser or Winner?
BIM and the future of the AEC industries: A UK perspective**

**London South Bank
University**

Hosted by
Department of Built Environment
London South Bank University
London, UK



Chair's welcome



Following IBEA's first annual conference in October, I am pleased to announce our first workshop hosted at LSBU in response to the government's chief construction adviser Paul Morell suggestion that Building Information Modelling (BIM) will become a key part of the procurement of public buildings by 2016.

Following a brief introduction by David Philp Head of BIM implementation for the UK Government *Cabinet*, this half a day workshop aims to bring together views from Public Sector Clients, Architects & Engineers, Contractors, Facilities Managers, Manufacturers and Academics alike.

The workshop's invited participants will then discuss and evaluate the impact of BIM on the four prongs of Technology, Processes, Data, and Heuristics. The workshop will be the first in a series of workshops and events that IBEA is organising in parallel to its annual conferences, with the aim of encouraging interdisciplinary debates leading to innovation in the AEC industries.

The Innovation and the Built Environment Academy (IBEA) is a non-profit organisation, which holds annual conferences and other events in various locations nationally and internationally. The first IBEA conference (7-9 Oct 2011) entitled: *Innovation and integration: science, technology and policy in the built environment* attracted many internationally distinguished speakers and presenters from countries such as US, Japan, Australia, Hong Kong and Brazil.

Like IBEA Conference 2011 where themes of the conference had emerged from the need to deal with the multifaceted character and the growing complexities of the socioeconomic challenges such as climate change, sustainability or poverty eradication through connecting ideas and collaboration, IBEA Workshop 15th Dec 2011 will aim to create an environment whereby issues and concerns can be aired while opportunities and directions can be explored and debated.

We acknowledge that the AEC industry is facing unprecedented challenges in the near future and believe that it is in the interest of all stakeholders in the built environment to identify the gaps as well as opportunities to pave the way for a fairer and more productive and successful industry.

Dr. Mahtab Akhavan Farshchi
IBEA Chair
Department of the Built Environment
ESBE
London South Bank University
103 Borough Road
London SE1 0AA
Email: ibea@lsbu.ac.uk

Overview of the Workshop Programme

Thursday, 15 th December 2011		
ROOM K405	13:00-13:30	Welcome Tea/Coffee
	13:30-13:40	Welcome and introduction IBEA Chair, Dr. Mahtab A Farshchi London South Bank University
	13:40- 14:10	BIM: The Government's view Speaker: David Philp Cabinet Office, Head of BIM Implementation and Balfour Beatty's BIM Programme Director
	14:10-14:40	BIM: The Client's view Speaker: Duane Passman Director of Estates and Facilities, Director of 3Ts at BSUH
	14:40- 15:10	BIM: The Design Team Speaker: David Miller David Miller Architects
15:10-15;30 Coffee break		
	15:30-16:00	BIM: The Contractor and Sub-Contractors Speaker: Steve Chudley Laing O'Rourke
	16:00-16: 30	BIM Lessons from Manufacturing Sectors Speakers: Dr Obuks Ejohwomu Managing Director, WD Consults Limited, Civil, Mechanical, & Environmental Engineering Consultancy and Abdul Noibi , FEA and CFD Consultant
16:30-17:15 Sub group for evaluation of 'Value' propositions:		
	Sub-Group 1 K301	Technology: a product life cycle view Moderator: Lilly Kudic, LSBU
	Sub-Group 2 K501	Processes/ Plan of work Moderator: Dr. Mark Brown, AMEY
	Sub-Group 3 K620	Data intelligence Moderator: Federico Rossi, LSBU
	Sub-Group 4 K420	Breaking heuristics Moderator: Prof. Tim Broyd, HALCROW
	17:15-17:30	Where are the gaps and who are the beneficiaries? All Moderators: Lilly Kudic, Dr. Mark Brown, Federico Rossi, Prof. Tim Broyd
	17:30-17:40	Closing remarks LSBU: Dr. Mahtab Farshchi and Martin Lake

Organisation of the Workshop

Following a 20 minute presentation and Q&A by speakers in each session to reflect the views of key stakeholders in the construction industry, the Workshop will break into four Sub-groups with the aim of discussing in the implications of the proposed changes.

The role of the Moderator

- The Moderator of each Sub-group will give an introduction and set the rules.
- The discussions should highlight issues and any anticipated gaps such as skills, technology, process, finance, culture etc. against the process map that is hung on the wall.
- The Moderator will summarise and agree key points of the debate and present them at the concluding session.

Presentation rules

- Presenters at the Workshop will have 15 minutes presentation time which is followed by 5 minutes of Q&A session.

Organising Team

1. Dr. Mahtab AKHAVAN FARSHCHI, London South Bank University
2. Liz WHELAN, London South Bank University

m.farshchi@lsbu.ac.uk
whelane2@lsbu.ac.uk

Invited presenters/speakers/delegate

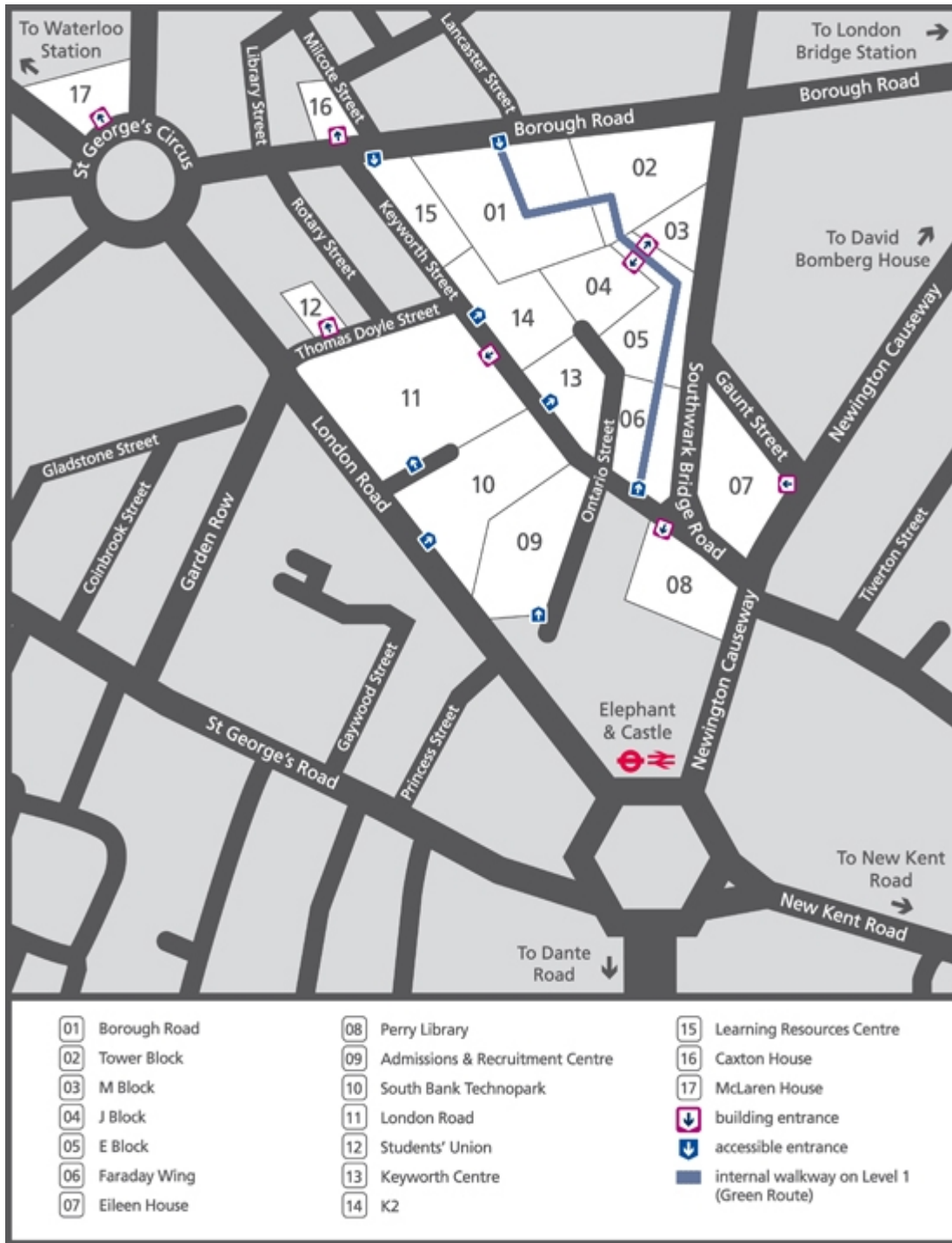
3. Dr. Mahtab AKHAVAN FARSHCHI, London South Bank University
4. Mahasty AKHAVAN, Architect
5. Toks AJETUNMOBI, MSc QS Student, LSBU
6. Dr. Ali BAYYATI, London South Bank University
7. Dr. Mark BROWN, Business Development Director, Consulting, Amey
8. Prof. Tim BROYD, Halcrow Chair of Construction Innovation, Halcrow
9. Prof Mark CASSON, University of Reading
10. Dr Issa CHAER, London South Bank University
11. Steven CHUDLEY, Lain O'Rourke
12. Andrew DAWES, London South Bank University,
13. Malcolm DUNKELD, London South Bank University
14. Dr Obuku EJOHWOMU, WD Consults Limited, Civil
15. Daniel FONG, London South Bank University
16. Carlos GONZALES, London South Bank University
17. Peter HAYWOOD, London South Bank University
18. Carla JAMES, London South Bank University
19. Lilly KUDIC, London South Bank University
20. Martin LAKE London South Bank University
21. Marc LEVISON, Murphy Philipps Architects
22. David MILLER, David Miller Architects
23. Paul MATTHEWS, Murphy Philipps Architects
24. Abdul NOIBI, FEA and CFD Consultant, WD Consults Limited, Civil
25. Duane PASSMAN, Director of Estates and Facilities, Director of 3Ts at BSUH
26. David PHILP, Head of BIM implementation for the UK Government *Cabinet office*
27. Steve PITTARD, London South Bank University
28. Dr. Hosein RAD, Independent researcher
29. Xav ROBERTS, Murphy Philipps Architects
30. Mary Jane ROONEY, London South Bank University
31. Federico ROSSI, London South Bank University
32. Prof. Karen SIERACKI, KASPAR Associates Ltd.
33. Dr Emanuela TODEVA, University of Surrey
34. Liz WHELAN, London South Bank University
35. Prof Robert XIAO, London South Bank University

m.farshchi@lsbu.ac.uk
mahastyakhavan@aol.com
toks.qs@lsbu.ac.uk
bayyatia@lsbu.ac.uk
mark.brown2@amey.co.uk
BroydT@halcrow.com
m.c.casson@reading.ac.uk
chaeri@lsbu.ac.uk

dawesa2@lsbu.ac.uk
malcolm.dunkeld@btopenworld.com
obuksejohwomu@wdconsults.com
fongd@lsbu.ac.uk
gonzalcb@lsbu.ac.uk
haywoopg@lsbu.ac.uk
jamesc15@lsbu.ac.uk
kudicl@lsbu.ac.uk
lakem@lsbu.ac.uk
marc.levinson@murphyphilipps.co.uk
d.miller@david-miller.co.uk
paul.matthews@murphyphilipps.co.uk

duane.passman@nwlha.nhs.uk
David.Philp@balfourbeatty.com
pittards@lsbu.ac.uk
namatoh@me.com

rooneymj@lsbu.ac.uk
federico.rossi@lsbu.ac.uk
Karen.sieracki@kasparassociates.co.uk
e.todeva@surrey.ac.uk
whelane2@lsbu.ac.uk
xiaor2@lsbu.ac.uk



<http://www.lsbu.ac.uk/about/maps.shtml>

We are in building no.13.