

International Symposium on Low Carbon Urban Design, 5-6 October 2012¹

Friday 5 October

- 09.30 Koen STEEMERS: Introduction
- Session A: System level view (Chair: Ying JIN)**
- 10.00 Qizhi MAO: China's urbanization and low carbon urban planning
- 10.30 Marcial ECHENIQUE and Tony HARGREAVES: Growing cities sustainably
- Session B: Housing – a macro-level view (Chair: Jie ZHANG)**
- 11.15 Lei SHAO: Low-Carbon Housing Development in Chinese Megacities
- 11.45 Yang XIE with Jie ZHANG: Urban macro-level impact factor on direct energy consumption of urban residents in China - based on Co-plot Method
- w-Session – plans for Tsinghua-MIT-Cambridge collaborative research**
- 13.00 Team introductions
- Overview of past work and progress to date (Chair: Koen STEEMERS)**
- 13.15 Dennis FRENCHMAN/Chris ZEGRAS: Neighbourhood Form and Energy Performance
- 14.15 Discussion
- 14.45 Qizhi MAO/Jie ZHANG/Li SHAO: summary for the Tsinghua team
- 15.30 Discussion
- 16.15 Koen STEEMERS/Ying JIN: summary for the Cambridge team
- 17.00 Discussion
- Summary of plans for next steps**
- 17.30 Dennis FRENCHMAN/Chris ZEGRAS: MIT
- 17.40 Qizhi MAO/Jie ZHANG/Li SHAO: Tsinghua
- 17.50 Koen STEEMERS/Ying JIN: Cambridge

Saturday 5 October, in Classroom 1

- Session C: Housing: meso and micro studies (Chair: Lei SHAO)**
- 09.15 Yang JIANG: Meso-level urban form impact on low-carbon travel behaviours: findings from two surveys in Jinan, China
- 09.45 Yang YANG with Jie ZHANG: Residential amenities as a strategy for reducing travel energy
- 10.25 J Cressica BRAZIER: Energy and urban form
- Session D: Energy and Urban Form (Chair: Qizhi MAO)**
- 11.15 Liang ZHAO, Debbie Deng and Ying Jin: An integrated land use and transport mode for Beijing
- 11.45 Tony HARGREAVES: The use of urban tiles for planning sustainable neighbourhoods
- 12.25 Xin ZHANG and Ying JIN: Roadmap Forecast for lighting energy saving of commercial buildings based on test of Wanda Plazas
- 2.45 Spontaneous working groups

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