

ARCHITECTURAL ASSOCIATION SCHOOL OF ARCHITECTURE

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# Evolutionary Urbanism

## SHANGHAI, CHINA

20-28 JULY 2012

THE UNIVERSITY OF HONG KONG SHANGHAI STUDY CENTRE



## Evolutionary Urbanism

20–28 July 2012

The University of Hong Kong  
Shanghai Study Centre

This sixth consecutive AA Shanghai Summer School will be hosted at the University of Hong Kong Faculty of Architecture Shanghai Study Centre. The nine-day studio-based course will investigate new computational design approaches in architecture and urbanism within the context of Shanghai, one of the world's most rapidly growing cities. This year's topic concerns the challenges facing the megalopolis of Shanghai as it feeds the insatiable demand for land for urban growth, expansion and densification. We will experiment with technologies associated with evolutionary approaches to urbanism and architecture through a variety of time-based, dynamic models of complex growth and change. Design proposals will negotiate the paradoxical forces of urban development and environmental change.

The course will be taught by tutors from the AA School, HKU and other visitors in a two-part programme. Over the first three days of the workshop, computational design systems will be introduced in a series of intensive tooling up sessions as the basis

for investigating associative design concepts and methodologies. The aim of these exercises is to introduce expertise in generative, algorithmic and parametric design approaches. In a second stage, students will develop design proposals responding to a shared studio brief focused on developing new models of urban evolution. Students will apply code-based modelling, simulation and fabrication techniques towards multiple, variable and recursive prototypes for a range of urban systems driven by scenarios of future incremental, adaptive growth and change.

Alongside studio-based design tutorials, seminars and a series of lectures, a public symposium will address contemporary topics related to the theme of the workshop.

The workshop is open to architecture and design students and professionals worldwide. The following software applications are recommended but not required: Rhino (with Grasshopper and other plug-ins), Rhinoscript, Maya, Processing, Autocad and Adobe Creative Suite.

### Applications

The deadline for applications is 13 July 2012. Application forms and additional information are available online at: [www.aaschool.ac.uk/shanghai](http://www.aaschool.ac.uk/shanghai). All participants travelling from abroad are responsible for securing any visa required for entry to China, and are advised to contact their home embassy early. After payment of fees, the AA School can provide a letter confirming participation in the workshop.

### Accommodation & Costs

The AA Visiting School requires a fee of £695 per participant, which includes a £50 Visiting Student Membership, payable online at: [www.aaschool.ac.uk/shanghai](http://www.aaschool.ac.uk/shanghai). Fees do not include flights or accommodation, but accommodation options can be advised. Students need to bring their own laptops, digital equipment and modelmaking tools. Please ensure this equipment is covered by your own insurance as the AA takes no responsibility for items lost or stolen at the workshop.

### More Information

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### Programme Site

<http://shanghai.aaschool.ac.uk>