

Venue

SynCity2014 takes place in Dresden, one of Germany's most beautiful cities. In 2012, Technische Universität Dresden has been awarded the title 'Excellence University', thus indicating it as one of the leading German universities. Venue of the summerschool is the Department of Architecture on the main campus of the university,.



Dresden Historical City Center



TU Dresden – Excellence University

Accommodation

Accommodation in multi-shared rooms including breakfast is provided for international participants (www.mezcalero.de). Accommodation costs will be entirely covered by SynCity2014.

Organizer

Technische Universität Dresden
School of Civil and Environmental Engineering
Juniorprofessorship of Knowledge Architecture
www.tu-dresden.de/ka

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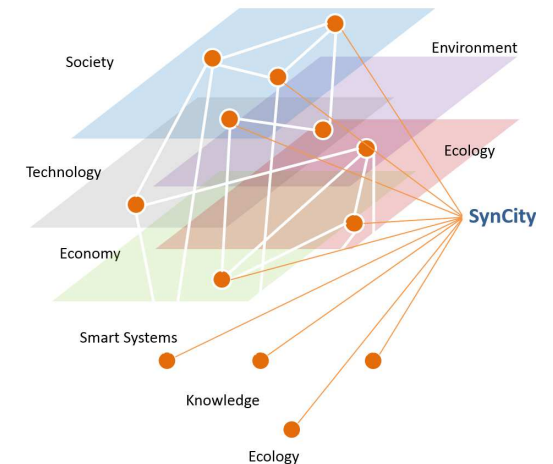
www.tu-dresden.de/syncity



SynCity2014

The City of the Future

Smart Concepts for Buildings, Infrastructures,
and Environments



International Summer School

September 17 – 30, 2014

Technische Universität Dresden
School of Civil and Environmental Engineering
Dresden, Germany

Scope

The idea of 'smart' and 'intelligent' systems pervades all levels of urban environment. Mostly associated with ICT, cyber-physical systems, and the Internet of Things, 'smart' concepts still demand clarification and original interpretation. For SynCity2014, TU Dresden invites excellent young researchers with interest in technology development, socio-ecology, and policy-making to explore future trends in urban design.

For SynCity 2014, the acronym 'Syn' stands for two key concepts: Synchronizing and harmonizing the complex systems which constitute tomorrow's cities; Synergizing the approaches of different disciplines and cultures in order to integrate technological, social and ecological perspective.

From a practical perspective and through interdisciplinary workshop formats, SynCity2014 will investigate how the inevitable technology push of smart technologies can be directed towards more social, human, and sustainable development. Concrete fields of application may range from urban resource management via cyber-logistics and e-commerce to intelligent buildings.

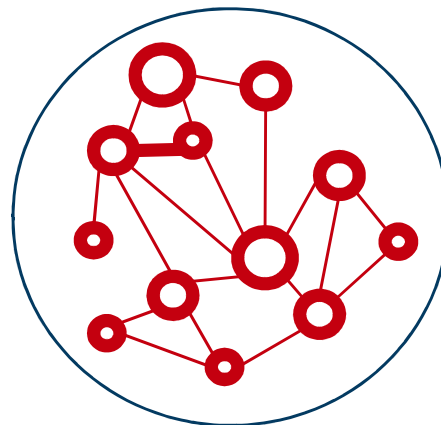
Participants

The target group of SynCity2014 are young researchers, PhD students, PostDocs, and junior faculty. The number of participants is limited to 20 persons.

Application / Funding

For applying to SynCity2014, please visit the website www.tu-dresden.de/syncity and follow the instructions under submenu *Application*.

Deadline for Application is June 15th, 2014. With the application to the summer school, candidates automatically apply for a refund of up to 90 % of the travel costs. Candidates will be informed about the exact funding with the letter of acceptance. Funding is made possible by the Excellence Initiative of the German Federal Government.



Core Programme

The summer school programme focuses on cross-disciplinary project work and interactive workshops. Theoretical input will be delivered in keynote speeches from renowned international scholars and practitioners (tbd). Additional impulse lectures will be given by TU Dresden faculty members of the departments

- Architecture
- Civil Engineering
- Environmental Sciences
- Transportation and Traffic Sciences „Friedrich List“.

Support Programme

Informative visits to local science institutions (Max Planck Institutes), technology clusters (Silicon Saxony), as well as cultural institutions (Saxon State Gallery) form a core feature of the summer school. Participants will have the opportunity to get in contact with academic experts of different research fields. The support programme includes social networking as well as cultural events.