

NEW IDEAS^{Apr 2014} N°67

TU Delft | ETH Zürich | RWTH Aachen | Chalmers



Summer School Programme 2014

Students, hurry up! Seize the opportunity and compete for a place in the summer school programme established exclusively for the students of the IDEA League partner universities. The summer schools are an opportunity to develop important skills for research and innovation in an international atmosphere. The application for the summer schools is open during April 2014.

7 - 12 July 2014 at TU Delft

Facing Moral Complexity by TU Delft - *Professional Ethics for Architects and Urbanists*

Today's architects and urbanists face societal and environmental challenges of an unprecedented scale and complexity. They often work on commissions that frequently operate in delicate contexts – contexts that sometimes even presuppose or facilitate the exploitation of human labor and environmental resources alike. Such factors pose inescapable questions of moral complicity. But where do the architect's and urbanist's professional and moral responsibilities really lie today? And how are we to engage them in a clearer and more conscientious manner? Furthermore, this summer school provides the chance to attend the International Architecture Ethics conference.

6 - 13 September 2014 in Cortona/ Tuscany

Cortona Week by ETH - I

Traditionally this summer school is held in Cortona, a small town in Italy. On offer is a wide variety on transdisciplinary lectures and semi-

nars with the overall framework of bridging the gap between science and arts. This year's special topic is, "I", as in me and myself. For over 10 years Cortona Week gathers prestigious and diverse speakers and workshop leaders to provide participants with a week-long intense program designed to train critical thinking via an inter- and transdisciplinary experience.

22 - 26 September 2014 at RWTH Aachen

Safe and Sustainable Transport by RWTH Aachen - *Future Passenger and Freight Transportation challenges - Solutions and Trends*

Regarding environmental protection as well as increasing mobility and cargo demand, the issues of safety and sustainability are focal points for future development of passenger vehicles, commercial cargo vehicles and mobility systems in general. Hence, the Mobility Summer School 2014 will deal with technologies that may ensure safe and sustainable road transportation as well as mobility concepts to meet a safe and sustainable future mobility demand in general. A visit to the IAA Commercial Vehicles trade fair will be a part of this summer school.

Apply now! The IDEA League universities will carry the cost for the summer schools, and in addition provide room and board for the selected participants. For a possible grant towards your travel expenses, please talk to your home university. For further details, agendas and application forms, go to www.idealeague.org/education/summerschools

Deadline for applications is 7 May 2014.

Doctoral School on Urban Systems and Sustainability

For the first time in history, the majority of the world's population lives in cities. For 2050 it is already predicted that 70% of the world's population will be urban. One of the grand global challenges of our time is to develop attractive, resilient and sustainable cities and to restructure existing cities to meet future needs. As a prerequisite for this adaptation to future needs, an in-depth understanding of the underlying designs, engineering possibilities and governance options is required. Furthermore, there is a need to develop innovative links between these areas of action.

Cities and urban regions are complex systems, composed of many subsystems, which can be considered complex systems in themselves. Subsystems are the economic systems of the market, the energy-supply and distribution systems, the housing system, the traffic system, the food supply and water supply systems as well as the waste disposal system. These urban subsystems do not only interact with, but often depend on each other, resulting in a high degree of complexity.

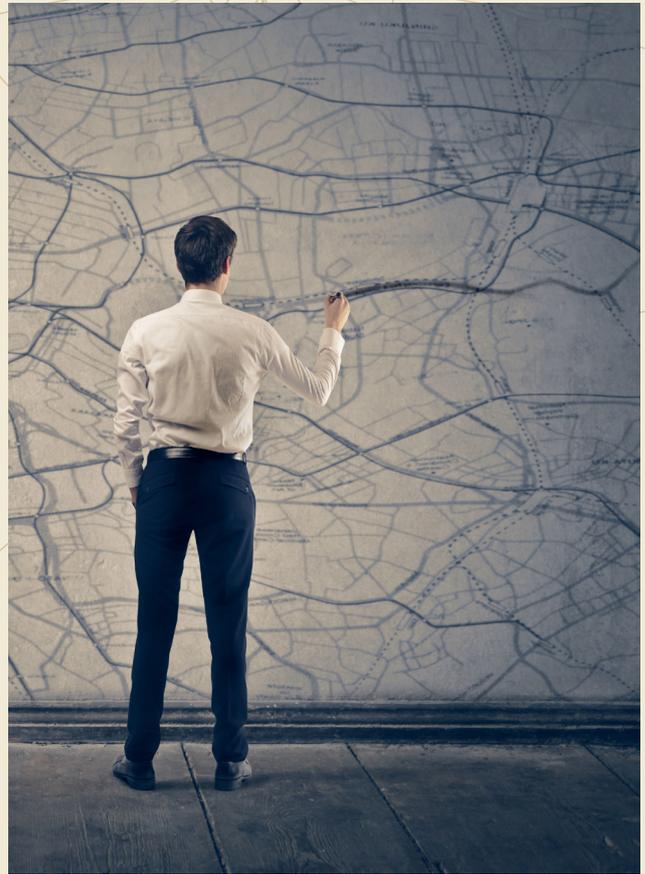
Guiding Question:

What are optimal conditions for improving the adaptive capacity and resilience of cities?

In three modules, a selected group of PhD students will be provided with the unique opportunity to explore this question based on the perspectives from different disciplines. They will take a close look at urban systems in Europe, for example the Amsterdam region, and in Asia, including visits to Singapore and Guangzhou, China. The IDEA League will offer 25 highly qualified PhD students free participation, including a study trip to Asia, by organizing and financing the entire programme. The participants will receive room and board, and a grant of 1000 Euro towards their travel expenses.

Integral part of the PhD work

The Doctoral School Programme on Urban Systems is designed to be an integral part of the PhD work of the participating students. During the first module, they will develop a research question on which they will, individually and in groups, elaborate throughout the programme.



The process is a continuous reflection on the new findings and insights, resulting in a manuscript ready for submission to a peer-reviewed scientific journal to be presented at the final stage of the programme.

Who can apply?

- PhD students of the IDEA League partner universities in their first or second year, working on a topic related to urban systems
- The target group are PhD students in the areas Urban Planning and Design; Civil Engineering; Geography; Policy, Management and Governance
- Selection of students is competitive

For further details, the application forms, contact details and program flyer please go to www.idealeague.org/research/DoctoralSchool/UrbanSystems

Deadline for applications is 1 June 2014.