

Digital City and urban bio-high-tech agriculture
Series of 5 international workshops
july 15th - sept 1st 2013

The City of Science and Industry in Paris welcomes, from July 15 to September 1, 2013, the "International experimental Workshop for bio-Digital City". Five intensive inter-university Workshops will succeed in partnership with Universcience, next to major exhibitions "Living Tomorrow: Reinventing our living", "Leonardo da Vinci", "design from somewhere else, Finnia prize 2012 ", "The Economy Crash, Boom, Mue "and" Futurotextiles. "

These workshops will allow the exchange between students, teachers, professionals and the public. They will be involved in a series of conferences to stimulate discussion and debate on the issues and possible developments of our cities and our territories.

Towards a digital city and a high-tech bio-urban agriculture

Preserving our planet requires the invention and construction of cities with high technical and environmental performance. These cities will be "recycling machines" and very efficient to energy, water and natural resources.

A major challenge is to master the high urban densities to better preserve farmland. The density is not necessarily synonymous with bad life but requires other ways of housing, feeding, working, producing, entertaining, learning or resting in the city.

New processes, new manufacturing, new sustainable and efficient industrial techniques can make compatible the new contemporary requirements and the requirements for more intensive and less harmful city.

These are the assumptions on which will be built the reflection during the workshops.

The goal is to experience the most advanced techniques in a dense, high adaptability, high durability city, with a better space, including a productive high-tech organic urban agriculture.

It will formulate and explore ways of working on urban models using massively the new tools, including digital modes and more united and better shared local life.

The operation is located in the Greater Community of Marne and Chantereine, near Paris. It is processed by the local authority partnership.

Organization of workshops

Each of the 5 workshops will last 9 days and bring together thirty students selected to make international and multidisciplinary teams :

- 10 students of architecture, urban planning and landscape French school
- 10 students of architecture, urban landscape or foreign school
- 10 students in science and engineering school (computers, robotics, agronomy, biology, sociology, modeling, political science, engineering, urban engineering, geography, ...).

Dates of workshops

Workshop 1: 15/07 to 24/07 (break on 22/07)

Workshop 2: 25/07 to 03/08 (break on 29/07)

Workshop 3: 04/08 to 13/08 (break on 05/08 and 12/08)

Workshop 4: 14/08 to 23/08 (break on 19/08)

Workshop 5: 24/08 to 01/09 (break on 26/08)

Supervision

The workshops will be supervised by Claire Bailly, landscaper, urban planner, architect and teacher and Jean Magerand landscaper, town planner, architect, PhD in Computer and Communication Sciences and teacher.

Teachers from National Superior School of Architecture of Paris-La Villette (ENSAPLV), National Superior School of Architecture of Montpellier (ENSAM), Superior School of Graphic Design ESAG-Penninghen, Les Ateliers-Paris Design Institute (École Nationale Supérieure de Création Industrielle) , Yeungnam University (South Korea), Faculty of Architecture and Town Planning of Mons (Belgium), will participate in the supervision of these workshops.

Applications for workshops

These workshops are open to students and young professionals in architecture, urbanism, landscape, computing, robotics, agronomy, biology, sociology, art, modeling, political science, engineering, urban engineering, geography, design, graphics, or other relevant discipline by the city of the future.

Applications can be submitted until June 1st, 2013.

Students

They shall address, by email, to atelierbionumerique@gmail.com :

- a text of up to 2000 characters, explaining their motivations and clarifying the points they have developed within the theme of the workshop. Students must show that they have already established links between their specialty and new digital tools.
- A curriculum vitae summary 10 rows with their work related to the theme.
- Illustrations, plans, drawings, texts, can be attached to the application.

They should specify which workshop(s) they wish to attend.

Registration and participation are free.

Some students will also be recruited as trainees, for a period of 3 to 8 weeks. They will participate in the work of some of the workshops and the organization of other workshops. These courses can be validated as part of their curriculum in schools and universities of origin.

Professionals

They can register and attend training if they are affected by the new urban approaches, the specific terms of their registration will be forwarded on request by email to atelierbionumerique@gmail.com.

Potential partners

They may be associated with this event.

Companies, manufacturers, scientists will come forward with Universcience: upartenaires@universcience.fr

Institutional, academic, administrative, public or private will address: atelierbionumerique@gmail.com

They specify their contribution to the reflection (new technologies, innovative products, conferences, visits to technology sites) and the nature of trade they want to put up with these workshops reflection.

Accommodation

Accommodation is the responsibility of the participants.

Some tracks :

Youth and Students International House (MIJE)

<http://www.mije.com>

International accommodation centers in Paris (CISP)

<http://www.cisp.fr/cisp/>

Youth Hostels in Paris

<http://www.fuaj.org/>

<http://www.hihostels.com/>

Youth Travel Bureau Louvre

<http://www.bvjhotel.com/>

Couchsurfing

<https://www.couchsurfing.org/>