4th Advanced Architecture Contest
INTERNATIONAL COMPETITION
Organized by IaaC and HP

CITY-SENSE
Shaping our environment with real-time data.

The Institute for Advanced Architecture of Catalonia and HP are pleased to announce the 4th Advanced Architecture Contest, on the theme of CITY-SENSE: Shaping our environment with real-time data.

The aim of the competition is to promote discussion and research through which to generate insights and visions, ideas and proposals that help us envisage what the city and the habitat of the 21st century will be like.

The competition is open to architects, engineers, planners, designers and artists who want to contribute to progress in making the world more habitable by developing a proposal capable of responding to emerging challenges in areas such as ecology, information technology, architecture, and urban planning, with the purpose of balancing the impact real-time data collection might have on sensor-driven cities.

The prize (Total value: 60.000, 00 EUR) will be distributed at the discretion of the Juries following the bases scheme.

The competition jury, which is composed of architects, professionals in a wide range of fields and directors of some of the world's foremost architecture schools, is looking for outstanding proposals at any scale, for any city in the world on Smart Cities, Eco neighborhoods, Self-sufficient buildings, Intelligent homes or any other proposal that analyzes the phenomena of sensor-driven cities and intelligent behavioural systems.

The Registration is FREE, and the competition entries should be submitted digitally in PDF files via the Internet.

Projects will be accepted up until Monday September 26th 2011.

www.advancedarchitecturecontest.org

IaaC
IaaC is a latest-generation education and research centre with a focus on defining new models of habitat for the 21st century. IaaC acts as a network within which specialists from a variety of disciplines (ecologists, anthropologists, engineers, computer programmers, artists, sociologists and others) interact with architects in the attaining of knowledge and skills with which to develop advanced architecture. The Institute uses cutting-edge technologies to design and produce prototypes of self-sufficient habitats and works closely with other nodes of knowledge in various cities around the world, as well as participating in the Fab Lab network, effectively furthering our understanding of different realities and acting globally.

HP
HP, the worlds largest technology company, simplifies the technology experience for consumers and businesses with a portfolio that expands printing, personal computing, software, services and IT infrastructure. More information about HP is available at hp.com

1. Criteria of Eligibility and Restrictions

Eligibility
The competition is opened to students and professionals.
There is no age limit; the projects may be carried out be individually or in groups, with no restriction on the number of members of the team.

Restrictions
The following will not be eligible to take part in the competition:
- Any individual or organization related to the promoting organization, such as members of the advisory committee or sponsored researchers, and anyone professionally associated with the promoter;
- Members of the Competition Jury and organizing Staff, or any person to whom a member of the jury acts as director, supervisor or adviser;
- Any person directly or indirectly involved in the summary of the Competition.

2. Free Registration

No fee or other payment will be required of those entering the competition. Please REGISTER HERE

3. Awards

The three teams leaders will receive cash prizes, and a one-year grant to take the Master in Advanced Architecture at IAAC and research in greater depth the manufacture of self-sufficient architecture..

All of the projects selected will be featured in a special book produced in conjunction with the Actar-Birkhauser publishing house like in the three previous editions.

1st Prize:
3,000 \
+
Master in Advanced Architecture (value 14.250,00 \)

2nd Prize:
2,000 \
+
Master in Advanced Architecture (value 14.250,00 \)

3rd Prize:
1,000 \
+
Master in Advanced Architecture (value 14.250,00 \)

People's Choice Award:
In parallel to the 4th Advanced Architecture Contest, the Institute for advanced architecture of Catalonia (IaaC) and Hewlett-Packard are also running the international People's Choice Award.

All participants interested in competing for this extra prize may submit one (1) image using the **HP ePrint & Share** Web service.

Submissions will be displayed online to be viewed and voted on by the public. The most popular image will win an **HP Designjet T790 ePrinter**.

Exhibition and Book:
The selected projects will go on show in a major exhibition, due to open in Barcelona in May 2012, which will then travel to key cities around the world. The best projects will also be featured in a book to be published by Actar-Birkhauser publishing house like in the three previous editions: SELF-SUFFICIENT HOUSING, SELF-FAB HOUSE and SELF-SUFFICIENT CITY.

4. Topic: CITY-SENSE: Shaping our environment with real-time data.

The programme challenges the participants to design one of these 2 options:
A- Self-sufficient building
B- Self-sufficient city

The participants will be free to decide on the size and location of the Project, which must be clearly detailed and justified.

Any time projection short (10 years), medium (50years) or long-term within the duration of the 21st century is allowed.

5. Documents and Graphic Materials Required

Written Description
Define a list of key concepts and exemplify your ideas by designing a specific building or city, or proposing changes for an existing building or city.

Graphic description
Site plans, floor plans, elevations, sections, perspective drawings, photographs of physical or digital models and axonometric drawings at any scale and descriptive texts explaining the project are allowed.
The descriptive texts must be in English.

Format:
The proposals should be presented on three (3) DIN A-3 panels and comply with the following format:
-Each panel will be presented in PDF format. The size of each file must not exceed 1MB
-The same panels will also be presented in a JPG 1024px by 768px format. The size of each file will not have to exceed 500 KB

Video:
Please submit a 1 minute (maximun) video to explain in, a few words, the key concepts of your proposal. Please use English subtitles even if you are speaking English. (It is not mandatory to speak in the video, you may also use text, images, animation etc).
Place your ID code at the bottom right of the video. You will find this ID code by logging in to your account.
To submit the video: First upload the video to YouTube, then login in to your competition profile page and paste the YouTube link to the video section of the submission.

No physical materials will be accepted. All of the proposals must without exception be in digital form and uploaded one by one in the following website:
http://www.advancedarchitecturecontest.org/

6. Language

The proposals must without exception be drafted in English.

7. Submission of Proposals

It is allowed to upload your panels and edit them until September 26th 2011; 5:00 pm (GMT) at the competition web site

8. Q&A

Registered participants may submit questions, by e-mail only, to the address:
contact@advancedarchitecturecontest.org
Each question may be submitted once.

The deadline for questions is 15th August 2011
The promoter will continuously post the replies to all questions received on the competition Web site up until 31th August 2011

The replies to the participant's questions will be considered additions to or revisions of the regulations of the competition.

Calendar:

Launch
Launch date of the competition
Consultations on the Web site regarding the calendar, theme and regulations.
Monday 16 May 2011

Closing date for registration
Monday September 26th 2011

Enquiries
All the grouped replies to these will be posted on the Web site before August 15th 2011

Submission of Projects
Projects will be accepted up until Monday September 26th 2011

Selection
Selection of projects by the Jury:
October-November 2011

Results
Announcement of results:
Monday, 5TH DECEMBER 2011

International presentation of results:
November 2011

Book Release
May 2012

International Exhibition
May 2012 - January 2013

JURY

Members:
Aaron Betsky, Architect. (Cincinnati, USA).
Antony Brey, Urbiotica. Spain.
Lucy Bullivant, Architectural Curator. UK.
Lucas Cappelli, Architect. Director of the Advanced Architecture Contest.
Peter Cook, Architect. Founder member of Archigram.
Neil Gershenfeld, physicist. MIT, Cambridge, MA, USA.
Vicente Guallart, Architect. Director of the Institute for Advanced Architecture of Catalonia.
Juan Herreros, Architect. School of Architecture Madrid (Spain).
Marta Male-Alemany, Architect. Co-director, Master in Advanced Architecture.
Areti Markopoulou, Architect. Director IaaC Global School.
Josep Mias, MIAS Architectes. (Spain).
Willy Muller, Architect. Co-director, Master in Advanced Architecture.
Michel Rojkind, Architect, Principal Rojkind Architects (Mexico).
Enric Ruiz Geli, Principal Cloud9 Architects (Spain).
Artur Serra, Anthropologist, Coordinator of Internet 2 Catalonia.
Nader Tehrani, Director School of Architecture MIT (Boston, USA).

CONTACT

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Organized by
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http://www.iaac.net/