3rd Advanced Architecture Contest
INTERNATIONAL COMPETITION
organized by IaaC and HP

THE SELF-SUFFICIENT CITY
Envisioning the habitat of the future

SUMMARY
The Institute for Advanced Architecture of Catalonia and HP are pleased to announce the 3rd Advanced Architecture Contest, on the theme of THE SELF-SUFFICIENT CITY: Envisioning the habitat of the future.
The aim of this architecture competition is to promote on-line 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 should be like.
The contest is open to architects, 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, socialization and globalization, with a view to enhancing the connected self-sufficiency of our cities.
The prize (Total value: 60.000, 00 EUR) will be distributed at the discretion of the Juries following the bases scheme.
This Architecture Competition Jury, which is composed of architects, directors of some of the world's foremost architecture schools, and mayors of prominent cities around the globe is looking for outstanding proposals for any city in the world, at any scale, and within any timescale.
The Registration is FREE, and the competition entries should be submitted digitally in PDF files via the Internet - www.advancedarchitecturecontest.org -

Why Barcelona?
The competition coincides with the 150th anniversary of the Eixample Plan for Barcelona, drawn up by the engineer Ildefons Cerdà, which did so much to define the concept of urbanism that served to construct cities throughout the nineteenth and twentieth centuries.
From this starting point, participants will reflect on the need to define new paradigms for the recycling of existing cities, and the need for new rules with which to build in continuity with nature, in such a way as to generate spaces for human habitability that contribute to the environmental, economic and social sustainability of the planet.

Why 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.

Why 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

Why the Advanced Architecture Contest?
This is the third Advanced Architecture Contest to be organized by IaaC since 2005. The first competition, on the theme of Self-Sufficient Housing, attracted entries from more than 2,500 architects and students from 108 countries, clearly demonstrating the potential of the Internet as a medium for researching new architecture. The special book of the short-listed projects was selected by the RIBA bookshop as one of the best new titles of 2006. The second competition was devoted to The Self-Fab House. The winners of these two previous Advanced Architecture Contests—from France, China and Spain—have completed the IaaC Master course and are currently working in a range of research projects.
See past editions of the Advanced Architecture Contest here.

1. Criteria of Eligibility and Restrictions

Eligibility
The competition is opened to students 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 publishing house.
Click here to see past edition book: SELF-SUFFICIENT HOUSING

1st Prize:
3,000 \
+
latest-generation large-format HP printer
+
Master in Advanced Architecture (value 12.500,00 \)

2nd Prize:
2,000 \
+
latest-generation large-format HP printer
+
Master in Advanced Architecture (value 12.500,00 \)

3rd Prize:
1,000 \
+
latest-generation large-format HP printer
+
Master in Advanced Architecture (value 12.500,00 \)

Honourable Mentions: Net-Delegates
The Institute for advanced architecture of Catalonia is also interested in setting up an international research group oriented toward the study and dissemination of Advanced Architecture.
With this in mind, the jury will select 1 (one) delegate for each country from which proposals are received, who will receive a mention as a distance researcher of the Institute.
Each Net-delegate will take part in various activities for the purpose of integrating this virtual community of researchers and the subsequent development of international projects.

Exhibition and Book:
The selected projects will go on show in a major exhibition, due to open in Barcelona in May 2010, 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 like in the first and second edition of the competition.

4. Topic: THE SELF-SUFFICIENT CITY. Envisioning the habitat of the future.

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

Trying to define KEY CONCEPTS for the construction of the habitat of the XXI Century, by defining a list of ideas in relation with buildings and the city of the future, to generate a vision of this idealistic possibility.

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 Contents

Written Description
Define a list of **key concepts** for the construction of the habitat of the XXI century.
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
-Each panel will also be presented as an image in a JPG 1024px x 768px format. The size of each file will not have to exceed 500 KB

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 Monday September 28th 2009; 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 1 August 2009
The promoter will continuously post the replies to all questions received on the competition Web site up until 17 August 2009

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 May 25th 2009
Closing date for registration
Monday September 28th 2009

Enquiries
All the grouped replies to these will be posted on the Web site before August 17th 2009

Submission of Projects
Projects will be accepted up until Monday September 28th 2009
The reception of submitted projects will close on Tuesday September 29th 2009

Selection
Selection of projects by the jury:
October 2009

Results
Announcement of the results:
November 15th 2009

International presentation of the results:
November 2009

Book Release
May 2010

International Exhibition
May 2010 – January 2011

JURY

<u>Mayors and former mayors</u>
Jordi Hereu, Mayor of Barcelona
Jaime Lerner, Former Mayor of Curitiba and former President of the IUA
Joâo Coser, Mayor of Vitòria, ES, Brasil
Valentina Matvienko, Governor of Sant Petersburg, Rusia

<u>Architecture Schools</u>
Stan Allen, director of the Princeton School of Architecture (Princeton, NJ, USA)
Brett Steele, director of the Architectural Association (London, UK)
Bob Somol, director of the School of Architecture at the University of Illinois Chicago (Chicago, IL, USA)
Pankaj Joshi, director Urbanism Design Research Institute (Mumbai, India)
Benyam Ali, Director Department of Architecture. Adis Abeba_University (Ethiopia)

<u>Architects</u>
Yung Ho Chang (Beijing, China)
Snøhetta (Oslo, Norway)
J. M. Lin (Taipei, Taiwan)
Aaron Betsky (Cincinnati, USA)
Bostian Vuga (Ljubljana, Slovenia)
Michel Rojkind (Mexico)

<u>Experts</u>
Neil Gershenfeld, physicist (MIT, Cambridge, MA, USA)
Michael Slitch, engineer (Germany)
Salvador Rueda, ecologist (Barcelona, Spain)
Alejandro Gutierres (Ove Arup, London)
Haakon Karlstein Jr. President Fab Foundation (Norway)

<u>IaaC</u>
Vicente Guallart, Director of the Institute for Advanced Architecture of Catalonia.
Lucas Cappelli, Director of the Advanced Architecture Contest.
Willy Müller, Co-director, Master in Advanced Architecture
Marta Malé-Alemany, Co-director, Master in Advanced Architecture
Areti Makopoulu, Coordinator, Master in Advanced Architecture

<u>Partners</u>
Representative of HP
Representative of the Spanish Ministry of Housing
Representative of Generalitat de Catalunya
Representative of Actar

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<u>Coordinator</u>
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Organized by
Institute for Advanced Architecture of Catalonia
http://www.iaac.net/