Welcome:

The Architectural Research Center is an international center of education where the students are allowed to explore within strategies of advanced architectural design.
A place where around 200 privileged architecture students exchange knowledge and experiences that go from theoretical/virtual works to production and fabrication in laboratory.
The different areas of advanced design are improved thanks to the professional collaborator staff of other disciplines at the different laboratories, as acoustic engineers, geneticists, chemists, product designers, biologists, etc.
The center pretends to became the paradigm and reference for emergent architecture, and a forum for researchers all over the world. Its design should be according to what it represents.

Site:

The site could be whatever, to be chosen by the participant, but is necessary to explain, investigate and justify the choice.
It could be interesting if the ARC would solve a particular critical problem or situation in the site.
The designers are free to address the challenge in the most creative, innovative functional and constructible way. Each proposal must respect the actual environment values and the human scale, furthermore must preserve the social context and the existing urban texture.

Program

The program is divided into **5 main areas**:
Administrative Zone:
- Administration Offices
- Admissions Offices
- Academic Aptitude Offices
- Treasury
- Scholarships Department
- Direction Offices
- Services

Investigation Zone:
- Library
- Media-Library
- Group-Rooms
- Individual Investigation
- Periodicals
- Copy-Center
- Computer Room
- Classrooms
- Professors Department
- Services

Experimentation Zone:
- Biology Lab
- Genetics Lab
- Botanic Lab + Vivarium
- Mineral Lab
- Water Lab
- Wind Lab
- Sound Lab
- Light Lab + non-roof space
- Services

Students Zone:
- Computing Lab
- Modeling Lab
- Fabrication Lab
- Workshop
- Render Factory
- 24/7 Students Room
- Services

Support Zone:
- Cafeteria
- Self-Service Area
- Tool Store
- Aula Magna
- Exposition Gallery
- Services

Notes

There are no restriction for the high of the building; No restrictions for form and interrelations between Zones.

The program is open; each participant could suggest a functional program related to the end use of the site and area which he suggested such as offices, residential, parking, hotels, gardens, sports ,leisure, conference center ,etc.

COMMON AREAS:
- Entry hall with doorman´s counter for the reception of documents.
- Unroofed social areas (pool, sun-roof and terrace-garden in the last floor).

SERVICE AREAS: such as:
- Emergency stairway
- Elevators
- A space for a future private power station, etc.

SUBMISSIONS

ELECTRONIC SUBMISSION ONLY

The following material will be submitted via the official site: www.arcompetition.org

Steps:

1. Register
2. After registering you will have access to the submission area
3. Submit your project until May 20, 2010 (5:00 p.m. GMT)

In the boards and the files' names the participant will never be identified with any text or image. The incomplete or incorrect material will cause the participant disqualification.

SUBMISSION REQUIREMENTS

Material to be submitted:

1. # 2 A1 (594x841 mm) vertical boards in PDF. Please follow the instructions in the next paragraph "Boards contents details".
   Files' names:
   01_your registration number.pdf
   02_ your registration number.pdf
2. # 1 image representative of the project, horizontal 200x100 mm in JPG (72dpi).
   File's name: Image_your registration number.jpg
3. # 1 written statement of no more than 300 words (spaces not included) in PDF.
   File name: Text_your registration number.pdf
4. All the material will be submitted in one ZIP file.
   File name: Your registration number.zip

In the boards and the files' names the participant will never be identified with any text or image. The incomplete or incorrect material will cause the participant disqualification.

Boards contents details

Plans, should be presented in a scale up to the participant not less than 1:200.
- Site plan, in a scale up to the participant
- Elevations, in a scale up to the participant
- One (1) longitudinal and one (1) transversal section, should be presented in a scale of 1/200 each.
- Two (2) exterior and interior views should be presented as a minimum.
- Diagrams of recognition and analysis of the site, Program. a) Building; b) zoning-urban impact, social program (site relations) up to the participant
- Drawings, Images (photo session) and Renders. Up to the participant

(Any additional information the contestant wants to provide such as architectural details, whether verbal or numerical, should be incorporated in the graphic presentation of the project. No markings, logos, insignia or other elements that might identify the author can be included; only the Registration Number should appear on the upper right-hand corner of the image.)

SPECIAL CONDITIONS

All historical or nature plots around the chosen site should be seen with the relation to the building.

Materials: There are no materials restrictions for building or finishes.
Vegetation: Vegetation must be incorporated

COMPETITION SCHEDULE

Registration Deadline: May 01, 2010
Questions Deadline: March 01, 2010
Question Responses: April 01, 2010
Submission Deadline: May 20, 2010 (5:00 p.m. GMT)
Jury Announcement: May 01, 2010
Jury Review and winner Announcement: May 2010

AWARDS

1ST prize: 2.000 € in addition to one year free registration to Ebddat Magazine 2010 and ticket to Damascus to take part in the final event of ARC.
2nd prize: 1.500 € in addition to one year free registration to Ebddat Magazine 2010
3rd prize: 1.000 € in addition to one year free registration to Ebddat Magazine 2010
Plus 5 honorable mentions, (jury certificate + publishing in international magazines) in addition to one year free registration to Ebddat Magazine 2010

JURY

A Jury of international recognized designers, architects, artists and researchers will review the submission and select the awarded projects.
Jury will be announced in May 2010.

On behalf of MAG-LAB, Alfa 301 and Stardust*, we would like to thank you for your participation in the Architectural Research Competition and wish you the best luck.
We are looking forward to receive your entry. If you have any questions please feel free to ask (contact@arcompetition.org).

Best Regards,

- Any participant contacting the members of the jury will be disqualified
- Entrants will be disqualified if any of the competition rules are broken.

MAG LAB
MATERIALS ADVANCED ARHITECTURE GENERATIVE LABORATORY