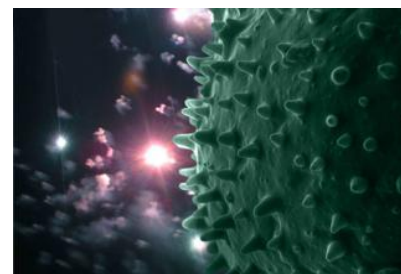


INTERNATIONAL CONFERENCE BioDigital ARCHITECTURE & GENETICS

ESARQ (UIC), Barcelona, 2011, June, 1st-3rd



SCHEDULE

Monday-Wednesday, 30th May - 1st June (WORKSHOP)

Biodigital Architecture Workshop (Workshop Directors: Alessio Erioli, Aref Maksoud, Alejandro Muiño)

Wednesday, 1st June (INTERNATIONAL CONFERENCE)

18:00 h. Registration for participants and speakers

18:30 h. **Welcome Notes and Introduction to the Conference**

- Pere Alavedra, UIC Rector / Frederic Marimón, UIC Vice-Rector for Research
- Vicente Sarablo, ESARQ (UIC) Dean / Judith Urbano, ESARQ (UIC) Vice-Dean for Academics
- Alberto T. Estévez, Conference Chair, *Biodigital Architecture and Genetics*
- Mauro Costa, 1st Doctor of the Genetic Architectures Ph.D. Program, *Biological analogies in architecture and design*

20:00 h. Dinner and gifts for speakers

Thursday, 2nd June (INTERNATIONAL CONFERENCE)

10:00 h. RESEARCH: *Intro Biodigital Research*, Alberto T. Estévez / Aranzazu Balfagón / Agustí Fontarnau

Alessio Erioli, *Intensive aesthetics*

David Anton, *Genobits: Processes' reactions in architecture of systems*

Elif Erdogan, *Fusion of computation and genetics in design*

Pablo Baquero, *New strategies on biodigital design*

11:15 h. Coffee break

11:45 h. RESEARCH & roundtable discussion:

Mireia Luzárraga, *Form, energy and performance*

Alejandro Muiño, *Natural process*

Sergio Hidalgo, *Bio-logic and nature's geometry in architecture*

Ricardo Muñoz, *Vertical zoology*

13:00 h. Lunch

15:00 h. TEACHING: *Intro Biodigital Teaching*, Alberto T. Estévez / Alejandro Muiño / Judith Urbano

Aref Maksoud, *Genetic architecture visualization "Biodigital architecture Middle East Experience/Experiment"*

Julian Ardila, *Possible imaginary worlds*

Lamila Simisic, *Architecture of the clash*

Christian Raun (partner in ADAPA), *Fabricating freeform architecture*

16:15 h. Coffee break

16:45 h. TEACHING & roundtable discussion:

Antonio Vacca, *Optimization in nature and design*

Diego Cuevas, *Fabricating the biodigital*

Juan Cardenal, *Emergent processes for advanced architecture*

"Alfa 301", *Molding the algorithm*

Friday, 3rd June (INTERNATIONAL CONFERENCE)

10:00 h. PROFESSION: *Intro Biodigital Profession*, Alberto T. Estévez / Diego Navarro / Daniel Wunsch

Arne Riekstins, *Animation Methods in Urban Planning*

Egoitz Conte, *Procedural imagination*

Fernando Paredes, *Diseño natural*

11:30 h. Coffee break

12:00 h. PROFESSION & roundtable discussion:

José Pedro Sousa, *Experiences like researcher, teacher and professional in biodigital architecture*

Gonçalo Henriques, *Cross-references: Nature/Science/Technology*

13:30 h. End Keynote Research's Lecture:

Rosa Cervera & Javier Pioz, *Towards a bionic reality*

14:30 h. Lunch

15:45 h. End Keynote Profession's Lecture:

Rosa Cervera & Javier Pioz, *The Bionic Tower*

16:45 h. End (certificates delivering to participants)

Saturday, 4th June (VISIT)

10:00 h./12:30 h. Visit to the Sagrada Familia of Antoni Gaudí in Barcelona

Sunday, 5th June (ACTIVITIES)

12:00 h., UIC's Campus, Biodiversity actions, symbolic trees' plantations & Mediterranean diet aperitif

(5th June: Environmental World's day / 2011: Forests World's year)

Participants will be awarded a certificate

Conference Organization:

GEN
ARQ
I+D



Research:

Genetic Architectures Research Group & Ph.D



Teaching:

Biodigital Architecture Master's Degree



Profession:

Genetic Architectures Office, Barcelona

Inscriptions Secretary (free): *Alejandro Muiño, Conference Coordinator*, biodigarq@gmail.com

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