

DIGITAL DESIGN WORKSHOPS SERIES

In today's challenging design environment, advances in emergent design processes have become instrumental in exploring new territories of form generation. The new processes are able to produce 3-D model or individual component of a building that could be sent to different fabrication devices. It could also be used for environmental analysis, cost estimating, and generating construction drawings.

Performance oriented design are nowadays driven by real environmental parameters. The notion of parametric design, generative design, and responsive design opened new terrain of ideas and new means to move the projects from a 3-D concept to reality.

The series of 7 workshops are aimed at introducing you to new territories of design made possible with digital technologies. We will be providing you with new tools and methodologies that will expand your thinking and source of inspiration.

Course Outline : Each session is structured to guide you through the interface, modeling techniques, and to follow it up with design examples showing their implementation. The 7th workshop is dedicated to design exercises using combination of techniques of all the previous workshops.

Participants : These workshops are designed for professionals and students interested in learning concept and features of parametric and generative design using combination of Rhino modeling, Grasshopper, and Scripting.

Workshops Schedule :

- 1- Introduction to Rhino: Rhino Interface, Modeling in Rhino
- 5th & 6th October 2012
- 2- Advanced Rhino: Tspline, Paneling Tools, Section Tools
- 2nd & 3rd November 2012
- 3- Grasshopper 1: Introductory Course
- 16th & 17th November 2012
- 4- Grasshopper 2: Advanced Course
- 30rd & 1st December
- 5 - RhinoScripting : Introductory Course
- 14th & 15th December 2012
- 6 - RhinoScripting : Advanced Course
- 11th & 12th January 2013
- 7 - Putting it together: Design oriented workshop
-25th & 26th January 2013

Venue: The Conference Hall, Al Majara complex,
Dubai Marina . Ph: 055 9836341.

Time: Friday : 2:00 - 6:00 PM
Saturday : 10:00 - 5:00 PM

Fees: Students : 1,200 AED / Workshop
Professionals : 2,000 AED / Workshop

RSVP by email to: z.motlib@lab-gs.com / Dsignstudio7@gmail.com

Instructors Background :

Zayad Motlib is an architect and a researcher in emergent technologies of generative design, advanced material systems, and innovative structures. He has taught at various design studios and run design workshops at several universities including Auckland, Sydney, and UAE.

Muhammed Shameel is an architect, a graduate from Design Research Laboratory program from the A.A School of Architecture, London. He has worked with Zaha Hadid Architects during which he worked on several competition winning and eminent projects around the world.

