



Dr. DAVID JASON GERBER

lecture + workshop

hosted by Özyeğin University, Faculty of Architecture and Design, İstanbul

L E C T U R E

DESIGN AGENCY | INFORMING FORM
Architecture and Design Research

W O R K S H O P

DESIGN AGENCY | INFORMED SURFACE TECTONICS

Through the integration of surface topology and multi-agent systems can we inscribe the architectural surface with intelligent tectonics and geometric intricacy? Can this be done not only through aesthetic ambition but through a combination of bottom up collectively intelligent agents in concert with top down formal expression? Finally the question becomes can we make physical the combinatorial affect and intelligence from the virtual. We will do this through a custom workflow from surface, to agent swarms, through to rapid prototyping.

B I O G R A P H Y

In 2009 Dr. Gerber was appointed Assistant Professor of Architecture at the University of Southern California. He has since been awarded a courtesy joint appointment at USC's Viterbi School of engineering. Upon joining the USC faculty he developed and taught primarily as a design studio and design technology professor in architecture for both undergraduate and graduate core and electives and curriculum in the Civil and Environmental Engineering Graduate sequence. Prior to joining the USC faculty Dr. Gerber was full time faculty at the Southern California Institute of Architecture from 2006-2009. Dr. Gerber has also taught at UCLA's school of architecture and urban design, the AA's DRL graduate program as a technical tutor, the Laboratory for Design Media at the EPFL in Lausanne Switzerland, Stanford University's CEE department as a guest instructor, and the Tecnológico de Monterrey School of Architecture, Mexico. He is a frequent instructor at Tsinghua University in Beijing and lectures globally on architecture, digital practice, and design technology.

Professionally, Dr. Gerber has worked in architectural practice in the United States, Europe, India and Asia including for Zaha Hadid Architects in London, England; for Gehry Technologies in Los Angeles; for Moshe Safdie Architects in Massachusetts, and The Steinberg Group Architects in California. Dr. Gerber has been a board level advisor, and an executive officer for a number of design technology startup companies. As Vice President of Innovation he has lead teams in consulting for architecture, engineering, and construction firms on global digital practice, Building Information Modeling, simulation, advanced uses of design computation and technology integration, and was subsequently a Vice President for Gehry Technologies.

David Gerber received his undergraduate architectural education at the University of California Berkeley (Bachelor of Arts in Architecture, 1996). He completed his first professional degree at the Design Research Laboratory of the Architectural Association in London (Master of Architecture, 2000), his post professional research degree (Master of Design Studies, 2003) and his Doctoral studies (Doctor of Design, June 2007) at the Harvard University Graduate School of Design (www.djgerber.com).

Workshop: 23-24 December 2013

Lecture: 25 December 2013 (1.30 pm, SELI Building-Auditorium: 122)

Exhibition: 27 December 2013, January 2014

Location: Özyeğin University, Çekmeköy Campus

Workshop Fee*: 100 \$ per participant

Workshop Application Deadline: 2 December 2013

Coordinator & Contact: Ass. Prof. Sevil Yazıcı (PhD), sevil.yazici@ozyegin.edu.tr

* The fee includes the participation to the workshop + lecture, 3D printing expenses of digital model. All participants will receive a certificate upon successful completion of the workshop. The participants are required to bring their own laptops for the workshop.

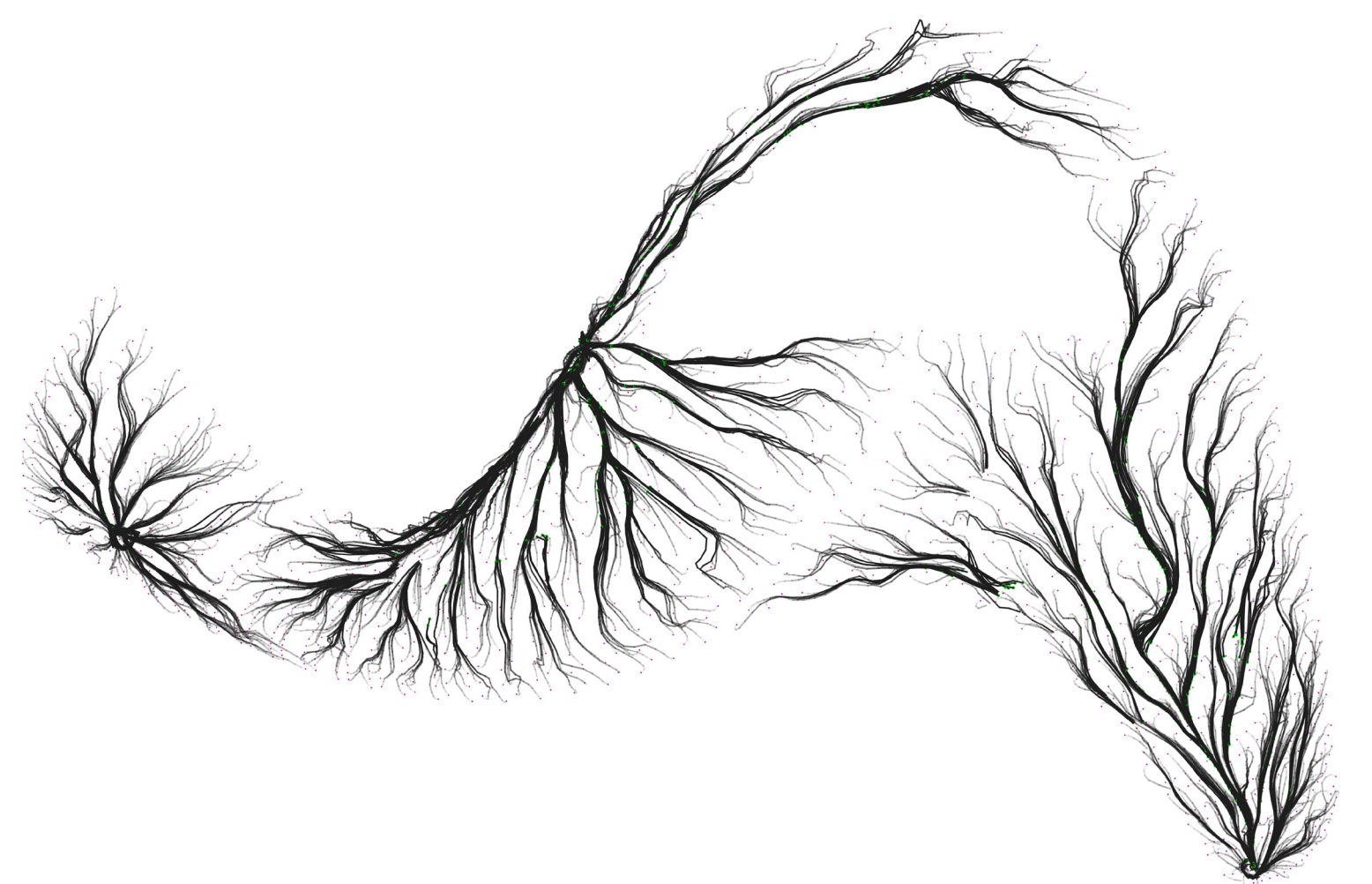
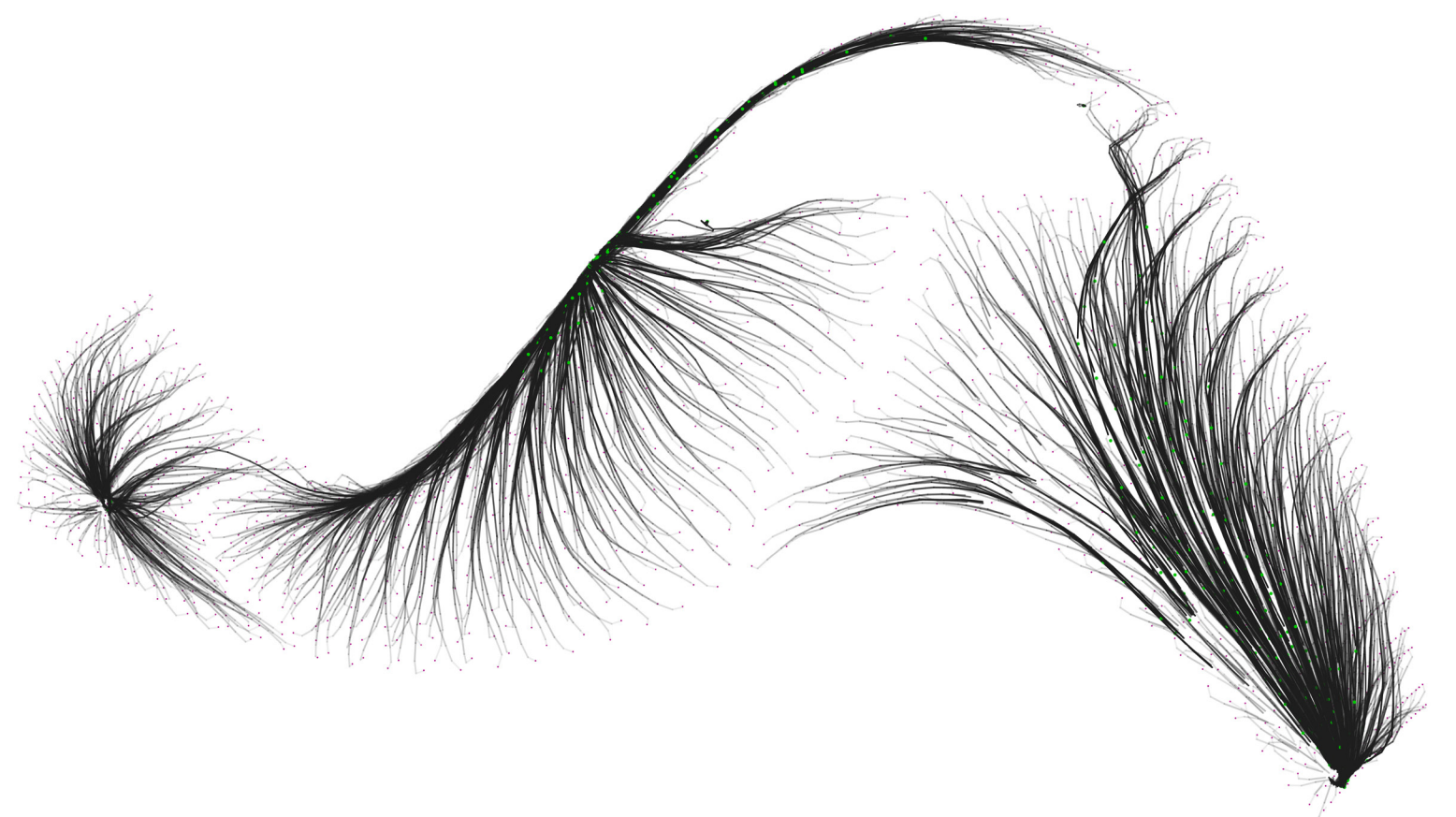
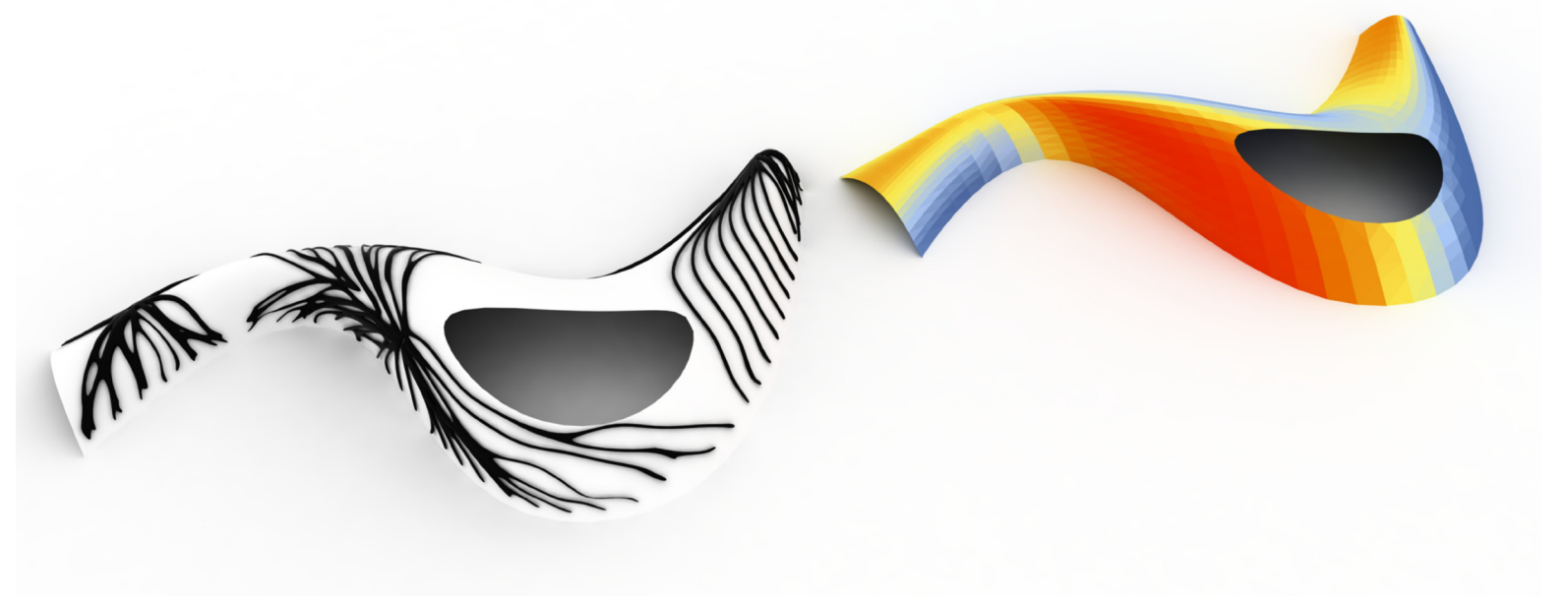


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