"Degrees of Freedom"

April 29, 2011
12:30 - 2:00pm
Room 7-431

Matthew Trimble

Founder, RadLab

Abstract:
The presentation covers a series of projects that range in type and scale from office interiors, for which Radlab served as a consulting agency for computational design solutions, to products, developed both collaboratively and independently by Radlab. As an office dedicated to disclosing and creating new opportunities in architecture and industrial design that promote efficiency, clarity, and sensitivity, we have an ongoing interest in probing both the limits and possibilities of automation, particularly those not otherwise reasonable by other means. By constantly assimilating the ideas, techniques, values, and experiences gleaned from the realm of architecture, they are processed and reinterpreted via the products we develop in the realm of industrial design.

Bio:
Matthew Trimble is the founder of Radlab, Inc, a Boston-based design and fabrication consulting firm. Matt has studied architecture at The University of Memphis (BFA), where he received the Francis F. Scott Scholarship, and holds a Professional Degree (M.Arch) from MIT, where he was awarded the Avalon Travel Fellowship. He has a diverse range of experience working and consulting in the field of architecture for firms that include Neil M. Denari Architects, Behnish Architekten, Preston Scott Cohen, Inc, and dECOi Architects. He has also served as a partner, and director of technology and design for Ispace, LLC, a Boston based product development company. Matt currently teaches seminars and workshops in design computing and digital fabrication at the Boston Architectural College and the Wentworth Institute of Technology. In addition to lectures on algorithmic processes, design machines, parametric modeling, and scripting, his students receive hands-on training at Radlab with the firm's in-house digital fabrication machines. Through these courses, Matt has acquired notable sponsorships from companies that include Z Corporation, Epilog Laser, Industrial Robotix, Mastercam, and Robotmaster, in order to research and explore innovative fabrication methodologies in the realms of architecture and industrial design.