

Material Landscapes: Fabrication, Innovation and Collaboration



Learning Outcomes

1. Learn about methods for integrating digital design into fabrication.
2. Learn about the collaborative approach to designing custom site features in a variety of materials.
3. Gain insight into the construction methodologies of digitally fabricated concrete.
4. Learn about stone sourcing and material properties as it relates to fabrication.



Field Session Leaders



Roderick Wyllie, Surfacedesign Inc

Roderick Wyllie, FASLA, is an award-winning landscape architect and founding principal of Surfacedesign, Inc. Roderick has led a variety of complex projects within the office, including the Uber Campus in Mission Bay, San Francisco's Bayfront Park, The Land's End Visitor Center, The Barnacles at Pier 9 and Expedia Global Headquarters in Seattle. His horticultural knowledge and passion for material authenticity reinforce craftsmanship and attention to detail into each project at Surfacedesign.



Michal Kapitulnik, Surfacedesign Inc

Michal Kapitulnik is a Principal at Surfacedesign. Her interest in horticulture and the potential didactic qualities of the landscape inform her work. Michal has managed multiple complex projects at SDI, ranging from small-scale residential to commercial and public open space networks. Well-versed in public space and waterfront projects, she has been an integral design team member and project leader in the design and execution of the Expedia Campus in Seattle, Mission Bay Bayfront Park P22, and the Barnacles at Pier 9.

Presenters



Jim Spahr, American Soil and Stone

Jim Spahr has been selling stone and fabrication in the SF Bay Area for over 20 years. He began as a mason's apprentice, and realized his skills were in sourcing stone, not installing. Today Jim sources stone from all over the country, and the world, for residential and commercial projects. Jim has worked at American Soil & Stone for the past eight years. This 8-acre stone yard is in Richmond and has the Bay Area's largest single collection of boulders, blocks, pre-cuts, soil, mulch, and gravel, as well as the premier stone factory on the West Coast.



Mark Rogero, Concreteworks

Mark Rogero was trained in architecture and began his focus and passion for making as a student at New Jersey Institute of Technology. Inspired by the work of Lois Kahn and Le Corbusier, Mark's fascination with concrete and its design and structural possibilities led him to found Concreteworks in Emeryville, California in 1991. Mark began a life-long practice working with concrete's versatility and cutting-edge innovative applications. Concreteworks today is a team of seventy-five designers, engineers and makers who collaborate with award-winning designers and architects around the globe in developing innovative and artful solutions in concrete.



Mei-yen Shipek, Autodesk

Mei-yen Shipek is the Engagement Manager for the Autodesk Technology Centers. She leads her team in telling the stories of the industry, startup, and academic residents who are realizing the future of manufacturing, industrialized construction, and emerging technologies at the technology centers. For over 15 years Mei-yen has worked in the design, fabrication, and manufacturing fields, and is experienced in CNC/CAM, 3D printing, metalwork, woodworking, and education. She loves to share her passion for making and works hard to create a safe and welcoming environment where everyone is treated with dignity and respect.