

**Stephen Kieran: refabricating ARCHITECTURE**

Examines how manufacturing methodologies are poised to transform building construction. The premise of this lecture is based on the authors' belief that architecture is not about style but about substance and the very methods and processes that underlie its making.

**Dennis Shelden: Stream of Consciousness**

The role of technology in facilitating innovative design to fabrication strategies is focused upon. Aspects to be covered include; contemporary applications of parametric technologies to facilitate mass customization approaches, advances in supply chain management techniques, and supporting innovations of collaborative project delivery. This includes design assist roles of fabrication subcontractors in schematic design activities.

**Steve Sanderson: Design Systems**

Through an overview of the current work from the office of SHoP Architects, the presentation addresses issues concerning integrated design and construction technologies within creative environments. Also addressed is the impact of these issues upon the design and execution of exceptional architecture.

**Mark Goulthorpe: The Possibility of (an) Architecture**

Seeking to articulate the broad sweep of pedagogical and not simple practical changes that occur within a digital paradigm, several recent design projects of dECOi Architects are utilized to highlight shifts in creative methodologies as well as fabrication protocols. These will permit a greatly expanded formal repertory whilst attaining economy through efficiency in every aspect of such praxis.

**Randall Stout FAIA: Overview: Art Museum of Western Virginia**

Randall Stout Architects Inc. designed the new Art Museum of Western Virginia under construction in Roanoke. Mr. Stout will discuss the vision of his evocative design aesthetic that consistently challenges architectural conventions. Foremost are the creation of environments that capture the unique composition of their natural surroundings, while transforming light, shadow, form and material into dynamic architecture. The museum building is an example of the dramatic composition of flowing, layered forms in steel, patinated zinc, and high performance glass that pay sculptural tribute to the mountains that provide the city's backdrop.

**Robert A. Zahner: From Virtual to Reality**

As a specialty contractor focusing upon fabricated metal work for the built environment, A. Zahner Company, has participated in the evolution from the tactile contact from the artisan making of one of a kind cornice shapes to the highly engineered shapely forms of innovative designers. This evolution has married the ability of fine crafted detailing with digital design and manufacturing and led the transformation towards seamless collaboration between design and construction.