



10th Annual Conference | April 07-09, 2019

Georgia Tech | College of Design | School of Architecture

Over the last decade, simulation and design computation have become synonymous with the pursuit of building performance and integrated environmental design. The rapid acceleration of computing power, through the continued development of hardware, software, and web-based applications, allows architects and urban designers broad access to tools that can aid the design process. With this expanded capacity comes a blurring of disciplinary boundaries, as simulation-based decision support unites stakeholders from various fields. In many ways, this increased collaboration between disciplines has made the building industry more amenable to reiteration, optimization, and integration across a range of performance considerations - from energy to form generation fabrication, human comfort, and behavior. Like any significant change in an applied field, this transformation in computational capacity has resulted in a disruption to the status quo and opened the doors to a broad array of new performance considerations and generative design methods.

The 10th annual Symposium on Simulation for Architecture and Urban Design (SimAUD) offers a platform to unite researchers and practitioners in the fields of architecture, urban design, urban planning, building science, and data science. SimAUD 2019 invites submissions across a range of topics related to simulation with a special emphasis on methods that bridge disciplinary gaps between design, construction, operations, resource management, human behavior, and performance analytics across building and urban scales. . All submissions will be peer-reviewed, and accepted papers will be published in the ACM Digital Library. This year we celebrate 10 years of SimAUD at Georgia Tech in Atlanta GA, USA.

Symposium Chairs

Siobhan Rockcastle | University of Oregon
Tarek Rakha | Syracuse University & Georgia Tech

Scientific Chairs

Carlos Cerezo Davila | KPF
Dimitris Papanikolaou | UNC Charlotte
Tea Zakula | University of Zagreb

Submission Types

Full Papers
Short Papers
Invited Papers
Projects & Videos

Important Dates

Abstract (Optional)	Sep 22, 2018
Paper/Project Deadline:	Nov 10, 2018
Acceptance Notification:	Dec 15, 2018
Camera-ready Deadline:	Jan 19, 2019
Workshop Day:	Apr 07, 2019
Conference:	Apr 07-09, 2019