



EXPANDING BODIES

ART • CITIES • ENVIRONMENT

ACADIA 2007

Halifax, Nova Scotia October 4-7, 2007
Dalhousie University

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www.acadia2007.org



ACADIA Research Themes

Collaborative Design	Information Visualization
Research, Education and Practice	Shape Studies
Digital Methods of Construction	Pervasive and Ubiquitous Computing
Precedence and Prototypes	Virtual Architecture
Generative Design	User Participation in Design
Prediction and Evaluation	Web-Based Design

Conference Workshops

Parametric Modeling & Digital Wood Fabrication

This workshop explores digital wood fabrication technologies. Parametric modeling and contemporary wood fabrication techniques will be examined in a cultural discourse on dynamic ecologies.

Interactive and Sensing Technologies

This workshop focuses on interactive and sensing technologies applicable to the design of responsive environments, ubiquitous computing, mobile computing and wearable computing.

Masonry, Ceramics and Electronics

This workshop investigates the integration of CNC manufacturing, interactive sensing technology, and the ancient craft of masonry. Its aim is to investigate contemporary masonry and ceramic design by exploring intersections between traditional crafts and new digital technologies.

Urban Modeling and Participatory Planning

This project focuses on urban visualization to aid participatory planning. It will contribute to design research for municipalities using urban modeling, collaborative planning and advanced visualization tools.

Sustainable Data Seminar

Buildings are complex and dynamic systems that respond to meteorological conditions and indoor activities to maintain comfortable interior conditions. This project focuses on systems and methods for working with environmental monitoring data for buildings across North America.

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Workshops: October 1-3, 2007

Association for Computer-Aided Design in Architecture
in partnership with Canada Design Research Network
hosted by Dalhousie University School of Architecture
with NSCAD University

Abstracts March 2007

Full Papers April 2007

How are cities affected by responsive, intelligent buildings?

What happens when interactive systems are introduced into the environment?

How are perceptions changed by remote sensing?

This conference focuses on expanding physical boundaries and expanding bodies of knowledge. We invite architects, engineers, artists and researchers to join in a discussion that examines how digital sensing, interactive and responsive systems can open potent new qualities in art, architecture and urban design.

Academic papers will be complemented by industry and professional workshops, keynote speakers, symposia, exhibits, a competition, public receptions and informal exchanges. A series of workshops focusing on innovative design technologies will precede the event, followed by exhibitions and installations within the arts-friendly setting of Halifax. The event will be housed in the newly renovated campus of NSCAD University on the thriving historic harborfront of the city, near major hotels and the lively commercial and restaurant district.