

# NLSO

Penn Design

**October 5-8**  
**Architecture Bits**

*Building in architecture, biology, and computation*

# University of Pennsylvania

PennDesign, Dept. of Architecture

This event has been made possible through the generous support of Bentley Systems and PennDesign.

## The N<sub>2</sub>SO Annual Conference

www.nso.pennesign.net

### October 5

**Thursday 6:30pm, Wu & Chen Auditorium  
Levine Hall, UPenn**

Opening Remarks: Cecil Balmond

**Keynote Lecture: Sanford Kwinter**

*Please join us for a reception following the lecture.*

### October 6

**Friday 10am, Upper Gallery  
Meyerson Hall, UPenn**

Opening Remarks: David Ruy

**10:00am-12:00pm, Roundtable 1**

Moderator: Sanford Kwinter

Participants: William Braham, Helene Furjan, Peter Davies, Peter Lloyd Jones, Ferda Kolatan, Rhett Russo, Jenny Sabin

**2:00pm-4:00pm, Roundtable 2**

Moderator: Peter Macapia

Participants: Robert Aish, Ben Aranda, Andrew Blumberg, Daniel Bosia, Axel Kilian, Chris Lasch, Lars Hesselgren, Philip Ordning

**4:30pm, Exhibition Opening  
At FRES, 3101 Walnut Street**

***Instrumenting A Plan for Complexity:***

*Connecting Campus and City Through Visionary Urbanism*

Student work from the Spring 2006 PennDesign, Dept. of Architecture Research Studio: Cecil Balmond with Jenny Sabin.

### October 7+8

**Generative Components Workshop**

**Saturday and Sunday, 10am-5pm  
Upper Gallery, Meyerson Hall, UPenn**

## Architecture Bits

*Building in Architecture, Biology, and Computation*

Bricks, cells, bits—three words from three disciplines, each are deeply concerned with how things are built. Whether it is a building, a body, or a computer program, new concepts of part to whole, or even whole to whole relationships are emerging today challenging long held notions of how things are put together. This year's N<sub>2</sub>SO Conference brings focus to new models, strategies, and techniques currently being investigated for understanding and producing the stuff of the world. An architect wonders how building components can become adaptive, evolutionary, and intelligent; a biologist wonders if the code and programming of a cell is in a feedback loop with the environmental conditions of the body; a computer programmer wonders if the code's function follows the code's form. Architecture, biology, and computer science travel separate roads though paths sometimes cross. The chance meetings are becoming more frequent, and the times are ripe for a project. The N<sub>2</sub>SO will take field samples from these three disciplines and open the table to discussions on how we will build tomorrow.

[front image, DNA Fingerprint, donor anonymous]