



**Pratt Institute**  
**School of Undergraduate Architecture**

**Digital Futures Lecture Series**

**Foundations of Parametrics**

**Conductor:**

Ted Ngai

**Location:**

Higgins Hall North 111

**Date + Time:**

Monday 2011.09.12

7-9pm

**Description:**

This lecture introduces the audience to the necessary mathematical concepts of parametric computing from a historical and cultural perspective. From the Egyptian establishment of a metric system that is used to measure earth, the origin of geometry that was created for the purpose of calculating farming areas for taxation; to stereotomy, an application of descriptive geometry that develops formal resolutions and descriptions of the curved space of vaults and arches. This lecture will introduce technical terminologies and important mathematical and spatial concepts that are critical to understanding the technology of parametric computing.

\*\* for more info goto [www.digitalfutures.info](http://www.digitalfutures.info)

# Foundations of Parametrics