Introduction

This project is a form of a larger series of research into the indeterminate nature of architecture. It is about the space between the familiar and the unfamiliar, the concrete and the abstract, the measurable and the invisible. This is an exploration of architectural territory, where the parameters of the project are not defined in the traditional way. The project is a response to the question: what do we mean by architecture? What are the materials that form it? How do they relate to each other? What are the implications of this relationship? This project aims to address these questions through the use of digital technologies and methodologies.

Task

The task of the workshop is to define your ecology in relation to your practice and develop a rigorous protocol for the use of the SEM (Scanning Electron Microscope) and Rapid Prototyper in your architectural project. The protocol should include the following:

1. A written description of the project and your approach to it. This should include an analysis of the site, the context, and the program.
2. A three-dimensional model of the project, created using the Rapid Prototyper. This model should be able to be scanned by the SEM.
3. A digitally printed image from the SEM, which should be able to be read as a system.

Outcomes

The outcomes of this project will be presented in a seminar on Friday, January 19th. The seminar will include presentations of each project, followed by a discussion and critique.

Schedule

- **Monday, January 8th:** Deadline for return of 3D models for Rapid Prototyper.
- **Friday, January 15th:** Project development when not in SEM.
- **Wednesday, January 13th:** Team allocation and project preparation.
- **13.00 - 13.45:** Meet, Introductions, Briefing.
- **14.00 - 16.00:** Seminar: 'Looking into the Eye of God'.
- **16.00 - 18.00:** Three minute presentations.
- **13.00 - 15.00:** Seminar / presentation of proposed method.
- **09.30 - 10.30:** Introduction to Rapid Prototyper.
- **11.00 - 12.00:** Project development and presentation prep.
- **18.00 - 20.00:** Project development.
- **20.00 - 22.30:** Pizza Express project development dinner.
- **16.00 - 18.00:** Three minute presentations.