New Spring Course Offering:

**4.110J / MAS 330J DESIGN ACROSS SCALES**

INTEGRATIVE DESIGN ACROSS DISCIPLINES, SCALES, AND PROBLEM CONTEXTS

Prof. Neri Oxman / Prof. Meejin Yoon

Inspired by Charles and Ray Eames’ canonical “Powers of Ten”, the course explores the relationship between science and engineering through the lens of Design. It examines how transformations in science and technology have influenced design thinking and vice versa. It offers interdisciplinary tools and methods to represent, model, design and fabricate objects, machines, and systems. Structured as core lectures and lab sessions, the course is organized by “systems”: Design of Information, Design of Fabrication, Design of Intelligence, Design of Play, Design of Organization and Design of Innovation. World-renowned designers, scientists and engineers will contribute with guest lectures. We will design things – material and immaterial; we will learn new computational and fabrication tools along the way; we will develop methodologies for design research of interdisciplinary problems; we will practice what it means to think, live, and breathe Design.

(2-2-8) R 10-12 in E14-493; Rec. M 7-9pm in E14-493

**NOTE: First class on Thursday, February 7th, 10-12, E14-244**