

Designing the Connected Sustainable Home

This is your future

3D Color TV Wall Panel

Slide-back Roof

Personal Helicopter and
Roof Landing Area

Moving Stairway

House-control Panel

Design Without Boundaries, Spring 2009

Instructors:
William J. Mitchell & Federico Casalegno (Design Lab), Pattie Maes (Media Lab)

Course Collaborators:
Orkan Telhan & Juhong Park

13 units / Prerequisite: Permissions of the instructors

Classes on Thursdays, 10-1pm, MIT Design Lab
1 Cambridge Center, Main St., NE18 - 4th Fl.

mobile.mit.edu/fbk/workshop



House of the Future, illustration by Fred McNabb, 1956



Design Workshop Design Without Boundaries, Spring 2009

First meeting: Thursday, February 5th, 10am (MIT Design Lab - 1 Cambridge Center, Main St.- NE18 - 4th Floor)

Among architects and designers, the notion of critical radical sustainability is an emerging notion. Most efforts in this area focus on the use of sustainable building materials and green energy. We are taking a broader approach; we call it the "Connected Sustainable Home." This class will provide opportunities to pursue real-world design projects that cross traditional disciplinary boundaries, apply advanced technologies and address significant social issues concerning the design of the "Connected Sustainable Home." We will be particularly focusing on (1) Robotic Architecture (2) Home as Personal Trainer (3) Green Energy Systems. This will be a very hands-on workshop and a variety of projects will be offered to students that will work in multidisciplinary teams. During the first class we will present the workshop and select students. The workshop is part of the MIT MEL - FBK alliance. In collaboration with Fondazione Bruno Kessler, Trento, Italy.