

## **The MIT House\_n Consortium Research Update**

October 5, 2007, 8:30 a.m. to 5:00 p.m.  
MIT, Cambridge, Massachusetts

8:30 a.m. Coffee

8:45 a.m. Introductions

### **Part 1: Open Source Building Alliance Update**

9:00 a.m. Open\_2 Design Update  
Kent Larson, MIT House\_n Consortium

Open\_2 Fabrication and Construction Update  
Randall Walter, Bensonwood Homes

Third Street Lofts Update  
Kent Larson

9:25 a.m. Group Discussion

9:45 a.m. Design by Searching  
Giles Philips, MIT House\_n Consortium

Mass Customization Strategies and Multi-use Spaces  
Carla Farina, MIT House\_n Consortium

Social Networking Communities as a Model for Housing Configuration  
Bill McKenna, MIT House\_n Consortium

Tangible Interface for Non-Expert Design of Housing  
Kent Larson

Housing Mass Customization – A Conceptual Framework  
Jarmo Suominen, MIT House\_n Consortium

10:25 a.m. Group Discussion

10:45 a.m. Break

### **Part 2: Energy Studies**

11:00 a.m. Net Zero Energy Housing Strategy  
Kent Larson

Energy Conservation and Carbon Footprint Advisor  
Manu Gupta, MIT House\_n Consortium

Portable PlaceLab  
Stephen Intille, MIT House\_n Consortium

Title to Be Determined  
Manu Gupta

11:30 a.m. Group Discussion

12:00 p.m. Lunch

**Part 3: Proactive Health Studies**

1:00 p.m. Encouraging Exercise with Mobile Phones and Other Mobile Health Projects  
Stephen Intille

Encouraging Exercise with Mobile Phones (A Study in Finland)  
Speaker to Be Determined

Real-Time Estimation of Energy Balance for the Body  
Emmanuel Munguia Tapia, MIT House\_n Consortium

Activity Detection in the Home for Health Applications  
Beth Logan, Intel Digital Health Group

Self-Installed Home Sensors and the Language Learning Tool  
Jennifer Beaudin, MIT House\_n Consortium

1:40 p.m. Group Discussion

**Part 4: Workplace Studies**

2:00 p.m. Detecting Workplace Activities  
Kenneth Cheung, MIT House\_n Consortium

The Future of the Workplace, Collaboration with House\_n  
Joe Branc, Steelcase

Workplace Activity Study in Finland  
Jarmo Suominen

2:30 p.m. Group Discussion

3:00 p.m. Adjourn

3:30 – 5:00 p.m. MIT House\_n Consortium Open House  
One Cambridge Center, 4<sup>th</sup> Floor