



MASSACHUSETTS INSTITUTE OF TECHNOLOGY
10.807/15.371 Innovation Teams

Spring 2009

Faculty Director : Professor Fiona Murray (fmurray@mit.edu)

Lecturer : Dr. Luis Perez-Breva (lpbreva@mit.edu)

ACTIVE PROJECTS

TITLE	DEPARTMENT	FACULTY & Students
A New Architecture for Highly Efficient, Broadband RF Transceivers	Dept of Electrical Engineering & Computer Science	Prof. Joel Dawson Dr. David J. Perreault Everest Huang
Stable Inorganic-organic Hybrid Light Emitting Diodes	Department of Chemical Engineering	Prof. Karen Gleason Sreeram Vaddiraju
Digital Ear Canal Scanner	Department of Mechanical Engineering	Prof. Doug Hart
A Novel Device for Label-free Cell Rolling Separation	Department of Mechanical Engineering	Prof. Rohit Karnik Prof. Jeffrey Karp
Developing Novel Strategies to Arrest Biofilms	Department of Biology/ Whitehead Institute	Prof. Susan Lindquist Dr. Ram Krishnan Dr. Karen Allendoerfer
Resonance Nanotechnology	MIT Division of Health Sciences & Technology	Prof. Sangeeta Bhatia Geoff von Maltzahn
Low-cost deposition of suspended thin metallic films for large-area electronics	Dept of Electrical Engineering & Computer Science	Prof. Vladimir Bulovic Dr. Corinne Pakard
High throughput Nanoscale Imaging	Dept of Electrical Engineering & Computer Science & Research Laboratory of Electronics	Prof. Henry Smith Dr. Rajesh Menon Hsin-Yu Tsai
A 3 Dimensional Lithographic Micro-fabrication System	Department of Mechanical Engineering	Prof. Peter So Daekeun Kim