



<http://www.eyebeam.org/engage/engage.php?page=unique&id=86>

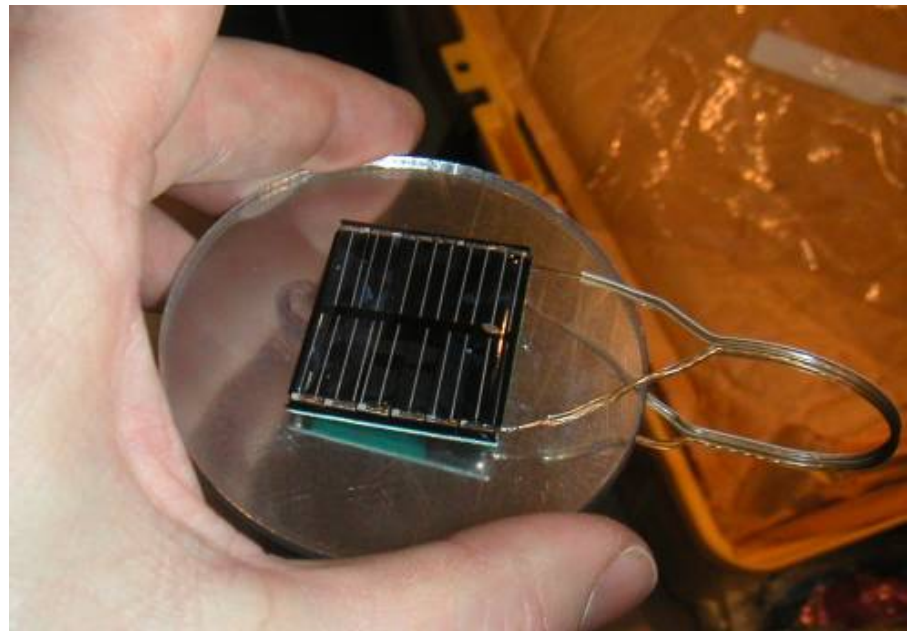
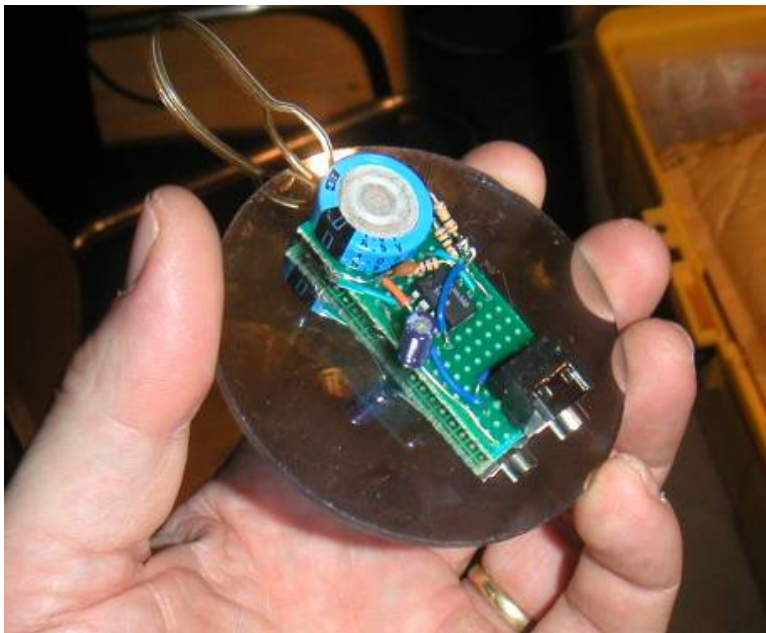
Holiday Hackshop December 3, 2005 12:00 PM - 6:00 PM 540 W. 21st St.

Just in time for holiday gift giving, a group of Eyebeam artists and associates are turning our Chelsea exhibition space into Santa's workshop and laboratory. Scheduled workshops and drop-in projects are available on a first come, first serve basis and each costs \$5-20 including materials. Most workshops are suitable for ages 8 and up.



Solar Powered Noisemakers/Instruments with Morgan Barnard

This project is based on an earlier work called Solaracoustics which uses basic electronics to create an interactive personal audio device. The workshop will consist of building a fairly simple audio circuit with a solar panel, a low power timer chip, a few resistors and capacitors and a speaker. Participants will experiment with ways to create different sounds based on voltage from the solar panel. Basic knowledge of electronics is helpful but not essential.



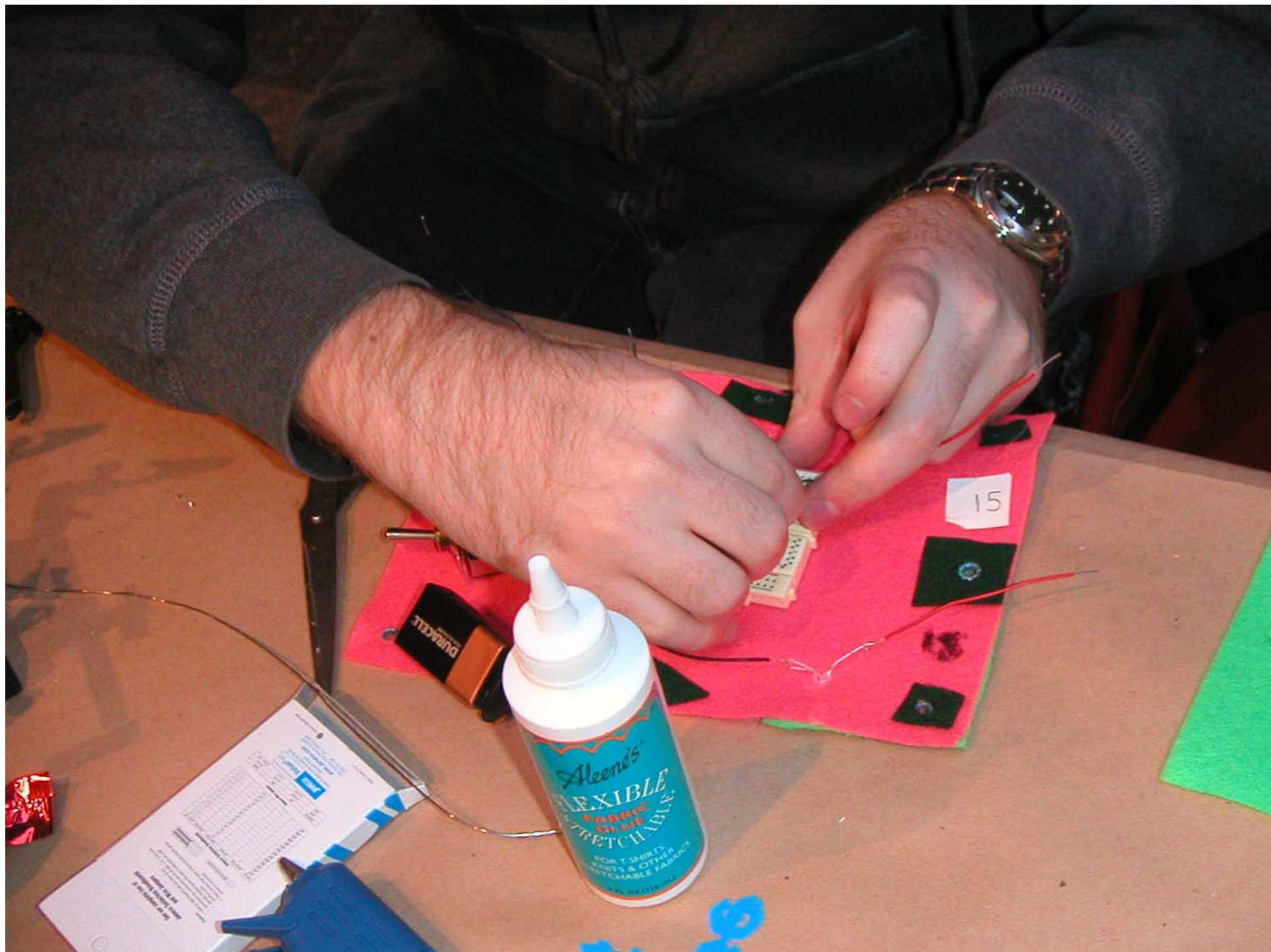


Wireless LED Ornaments with Giana Gonzalez

Create holiday ornaments, menorahs and more using LED lights and circuit breadboards.







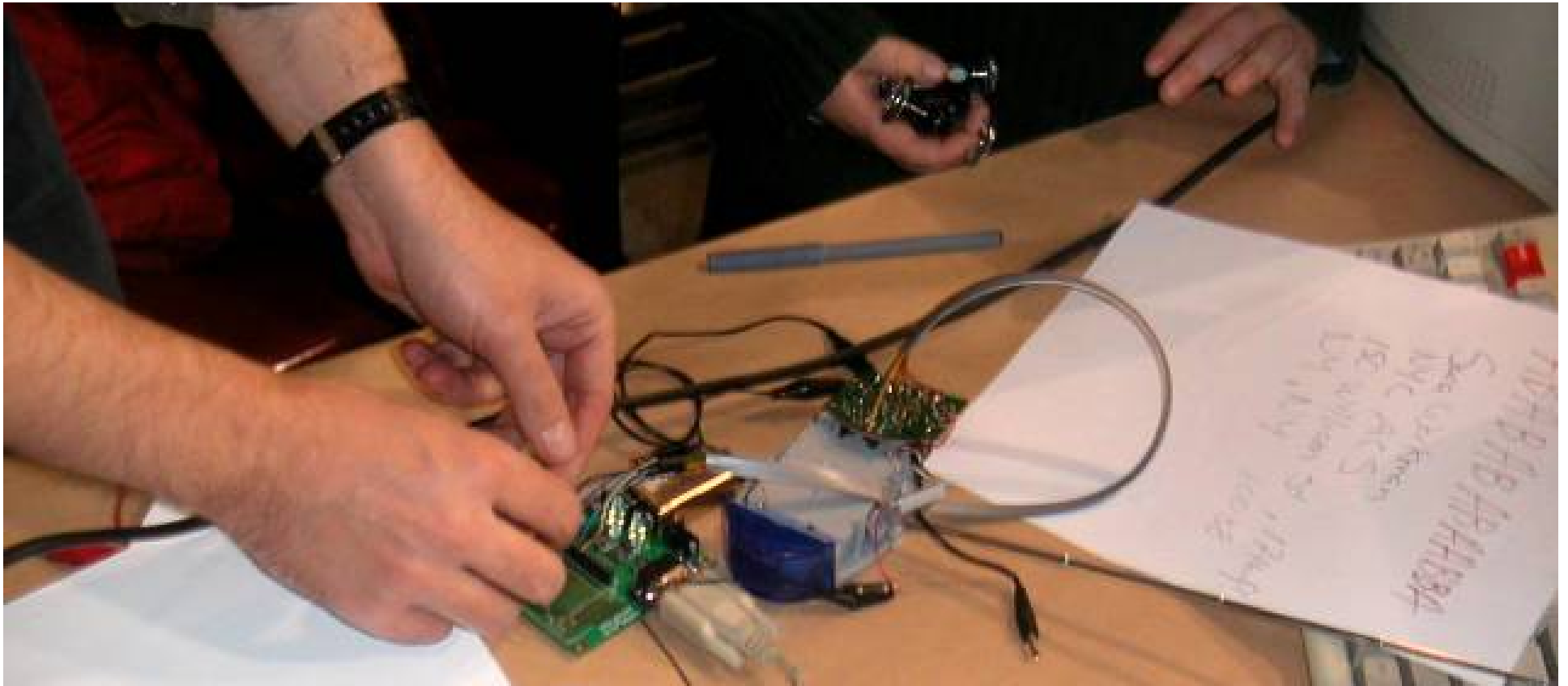
Holiday Green Screen Magic! with Antonio Lopez

Use Eyebeam's green screen to create holiday inspired snowglobes, portraits and cards.



Toy Car Hack and Obstacle Course with Federico Muelas

Circuit bending and rewiring of electronics to create your own "misfit toys".
Learn to rewire and reprogram toy cars using Basic Stamp microcontrollers to navigate through the HolidayLand Obstacle Course. Winners from each session get to keep their Basic Stamp microcontroller in addition to their car.



**Wireless (radio)
race car remote
circuit board**

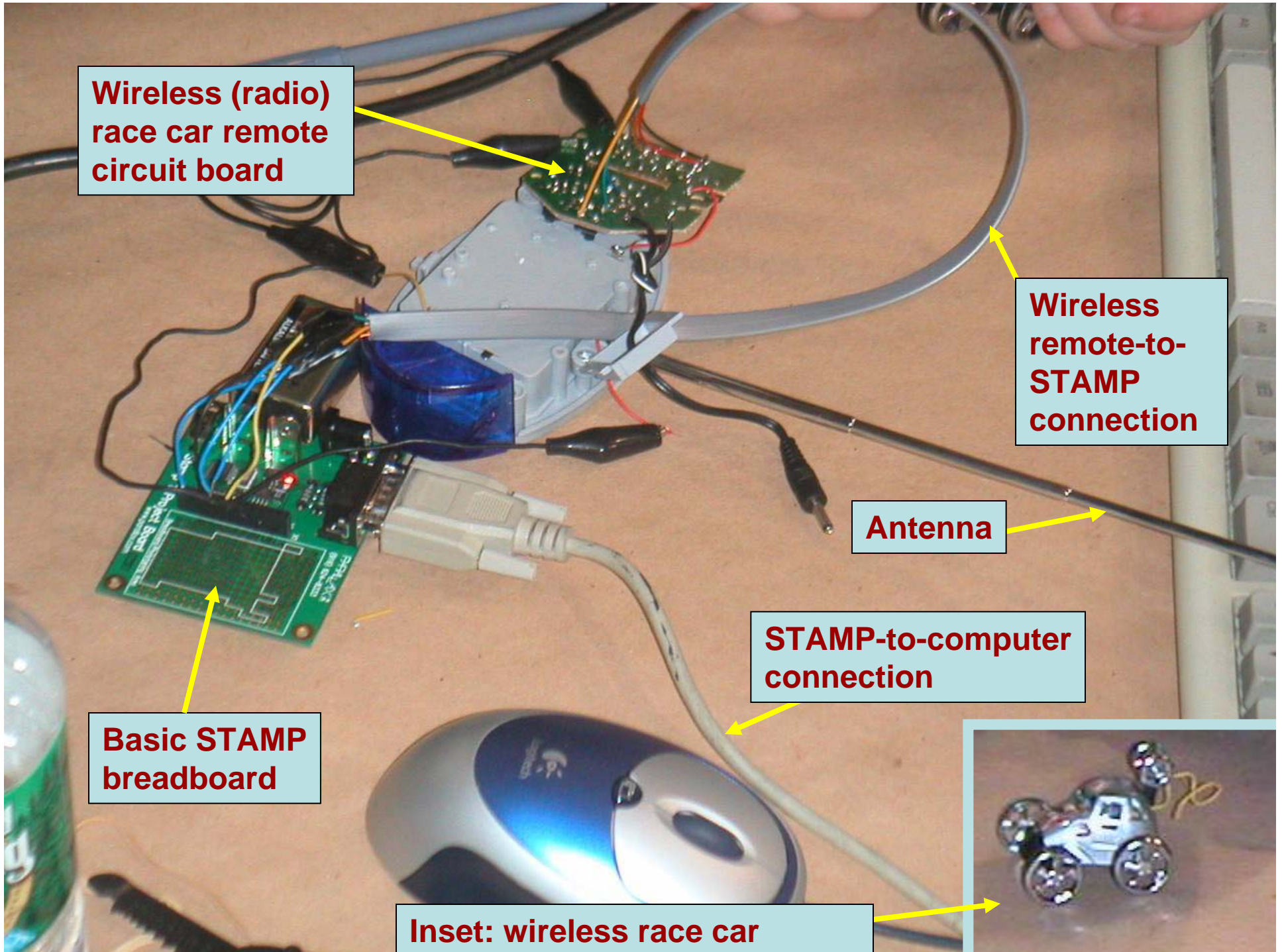
**Wireless
remote-to-
STAMP
connection**

Antenna

**STAMP-to-computer
connection**

**Basic STAMP
breadboard**

Inset: wireless race car





The obstacle course

Carol Mash-Up with Daniel Perlin

Mix, mash and burn your own holiday tunes.





Laser Cut Stencils with Robot Clothes

Design and laser cut your own stencils for holiday turf tagging and t-shirts. Come work with Robot Clothes to create tools for street art and activism. Bring concepts and images, design vector graphics and laser cut them into acetate to create your own stencils. Share techniques and practice using your new stencils on t-shirts and walls with fabric paint, chalk spray paint and clay pens.







Glitter Domes

