IEEE Consumer Electronics Society

2016 Maker Faire Download

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IEEE
Advancing Technology for Humanity

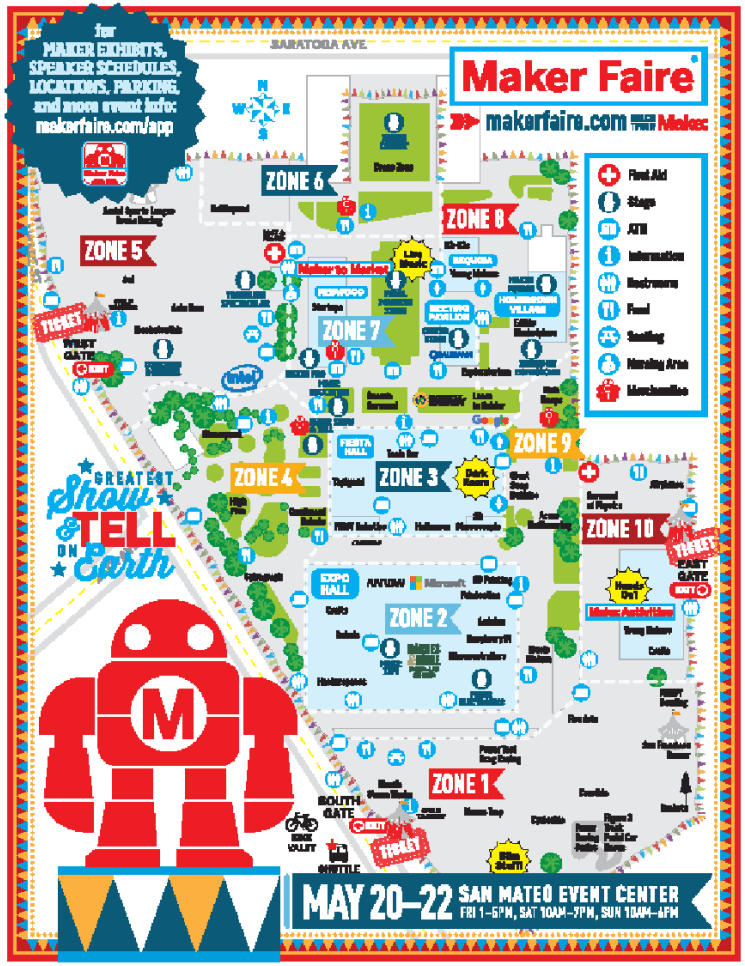
Maker Theme

“Maker Faire is the Greatest Show (and Tell) on Earth—a family-friendly festival of invention, creativity and resourcefulness, and a celebration of the Maker movement.” -MakerFaire.com

‘Part science fair, part county fair, and part something entirely new, Maker Faire is an all-ages gathering of tech enthusiasts, crafters, educators, tinkerers, hobbyists, engineers, science clubs, authors, artists, students, and commercial exhibitors. All of these “makers” come to Maker Faire to show what they have made and to share what they have learned.’ -MakerFaire.com

-A family friendly mix of Burning Man, DIY meetup, technology showcase and a county fair. Held every year at the San Mateo Event Center in May since 2011.

Faire Layout



Zone1: Power Racing

Zone2: Make Live!, Make Electronics

Zone3: Dark Room

Zone4: Make: Show &Tell

Zone5: Cole Zero &Mentos Fountains, Travelling Spectacular, Drone Racing

Zone 6: Drone Combat

Zone 7: Center Stage, Maker Pro, Make-Education

Zone8: Hands-on Homegrown, Maker Square

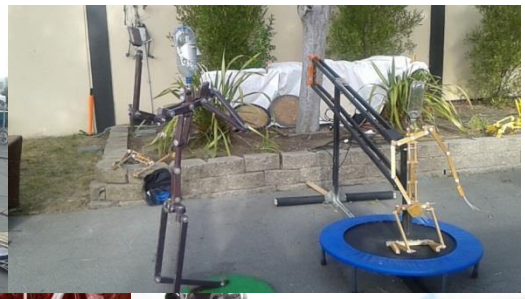
Zone9: Soap Bubbles Hula hoops

Zone10: Young Makers, Creativity Lab

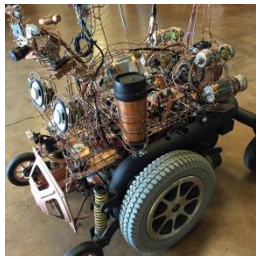
The Zany












Showtime!

Electric Wheels

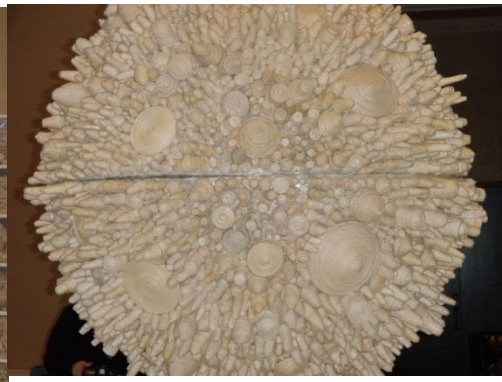
Drone Race

View from drone driver who uses goggle

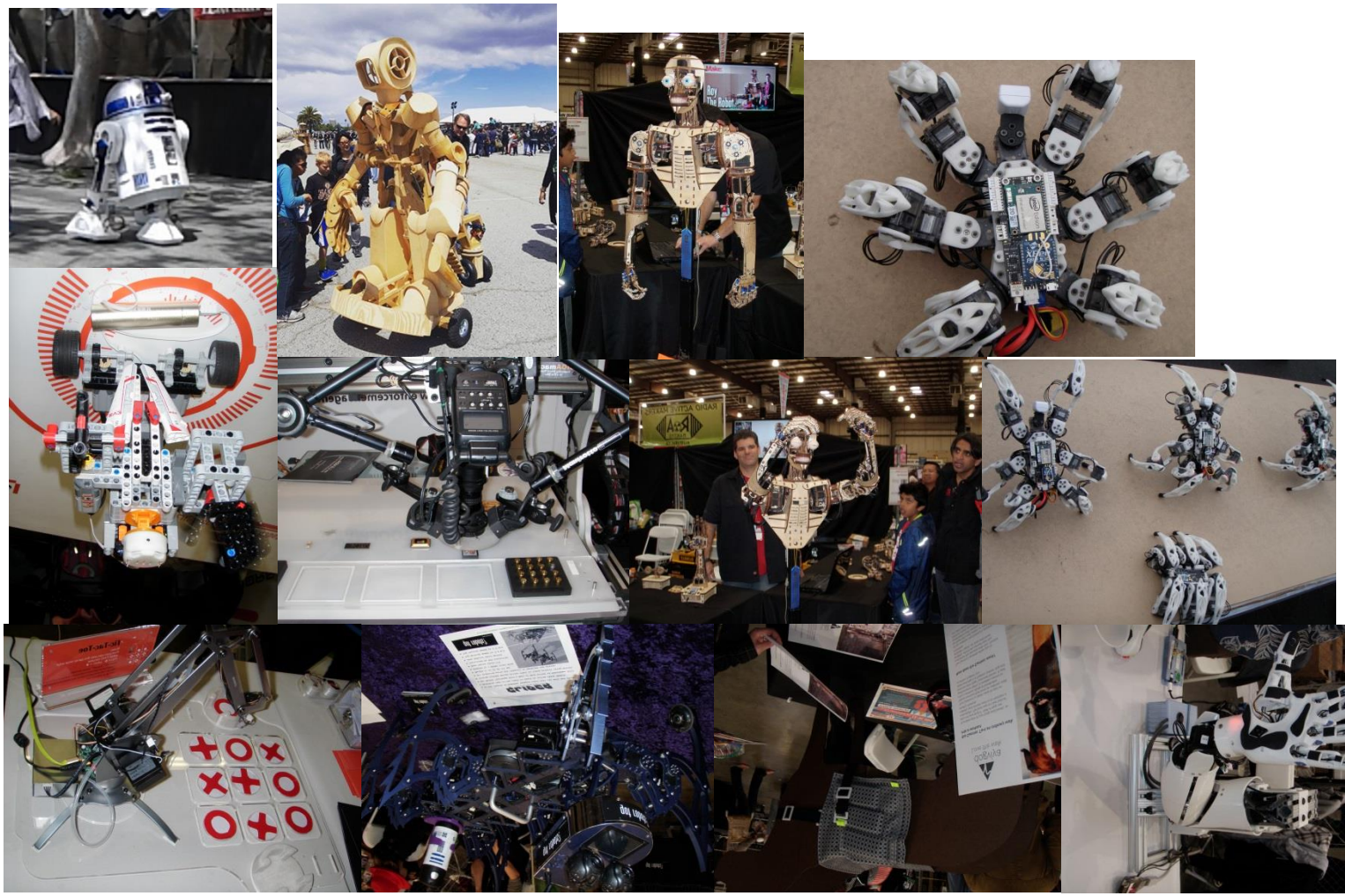
Drone Battle -

The Light Show

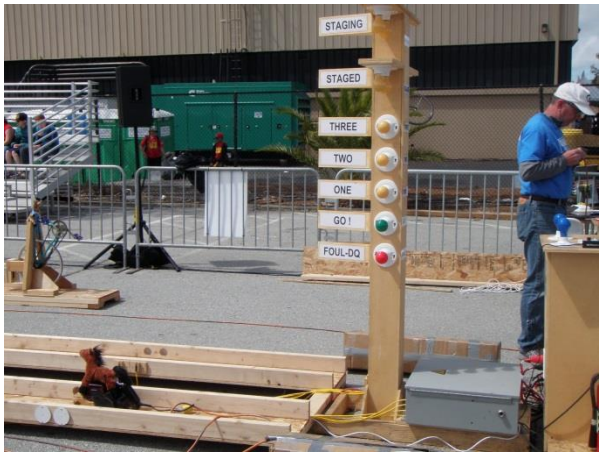
Tape Art

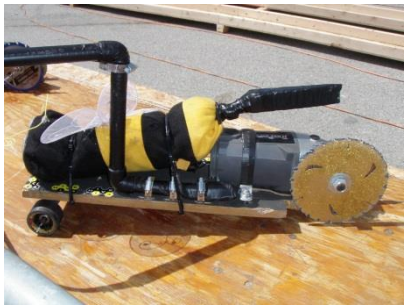


Robots Galore!



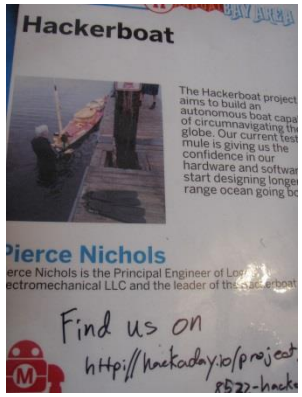
Power Tool Drag Racing



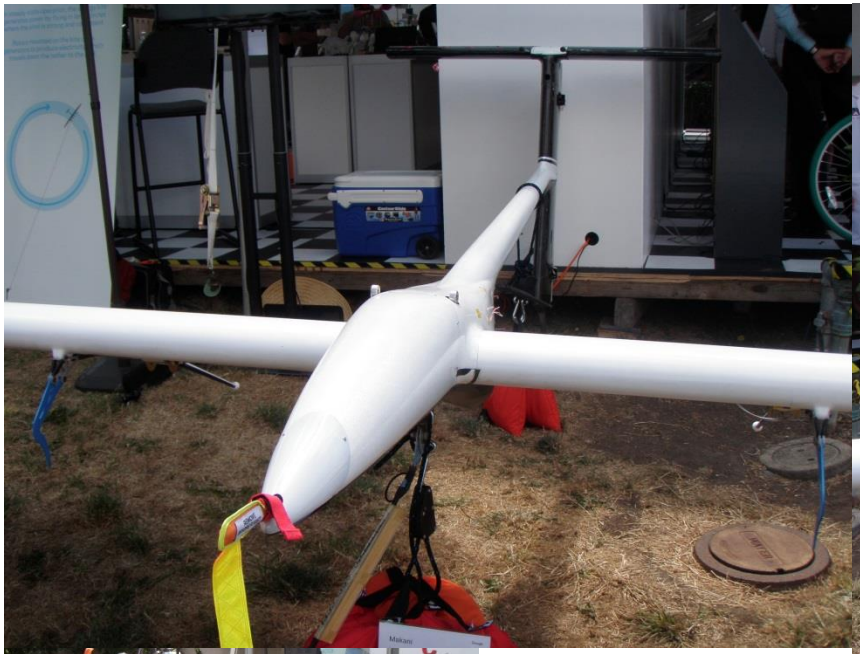


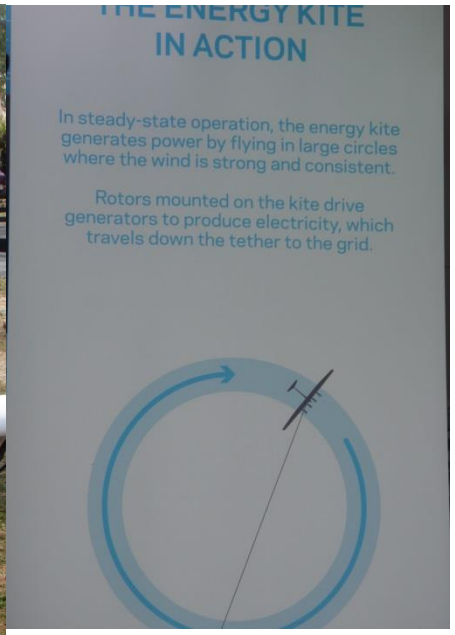
SJSU Elevated Transit Project

Autonomous Solar Powered Kayak



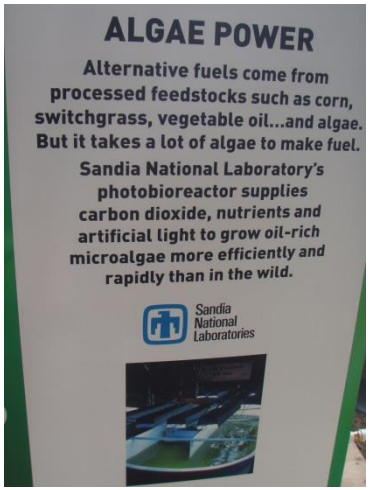
Google Wind Power Project Makani



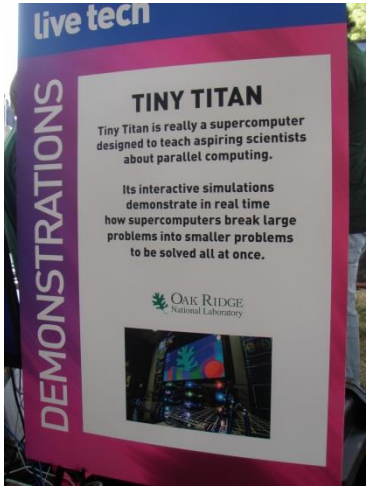


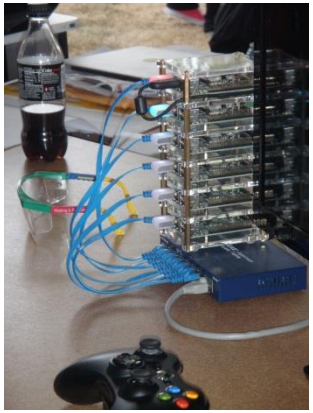
Drone tethered to 145 meter cable
Gen Power 10kw plans to scale to 600KW

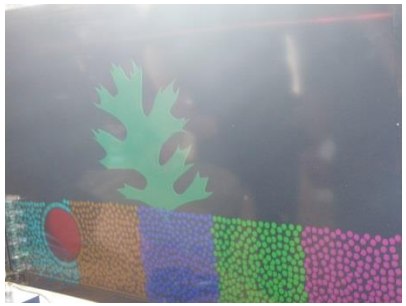
Livermore Labs Show case



Livermore Labs Show case





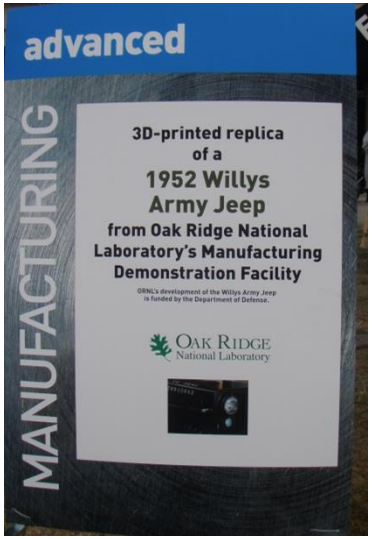


Parallel Processors

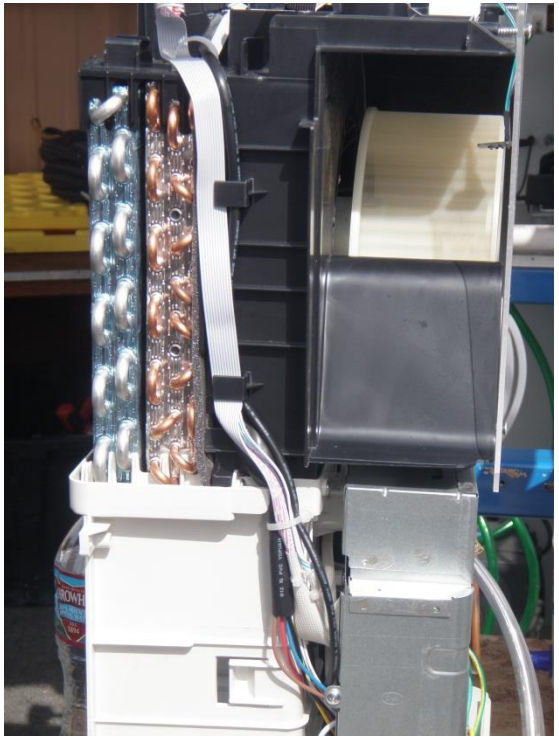
X Rays Detector

Gamma Rays Detector

3D Printed Full Scale Jeep

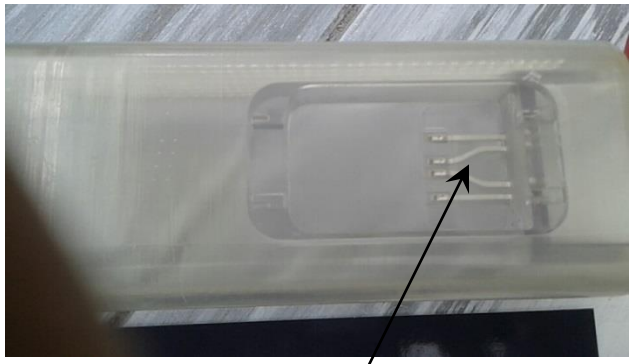


Water Generation from Air



1KWh/liter of H2O
Minimum Humidity 40%

Nascent Objects



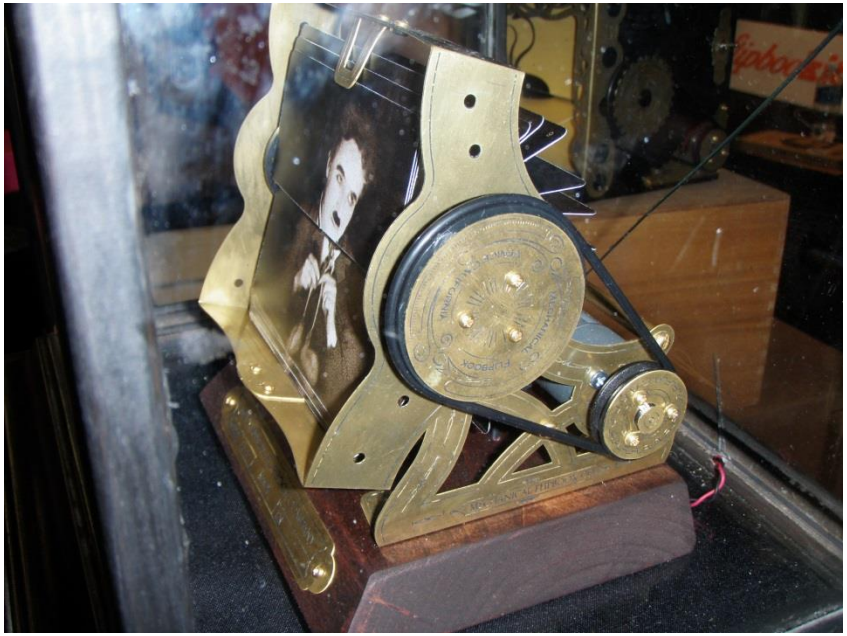
Proprietary embedded interconnect in housing

Camera module with Intel Edison Processor for toy train

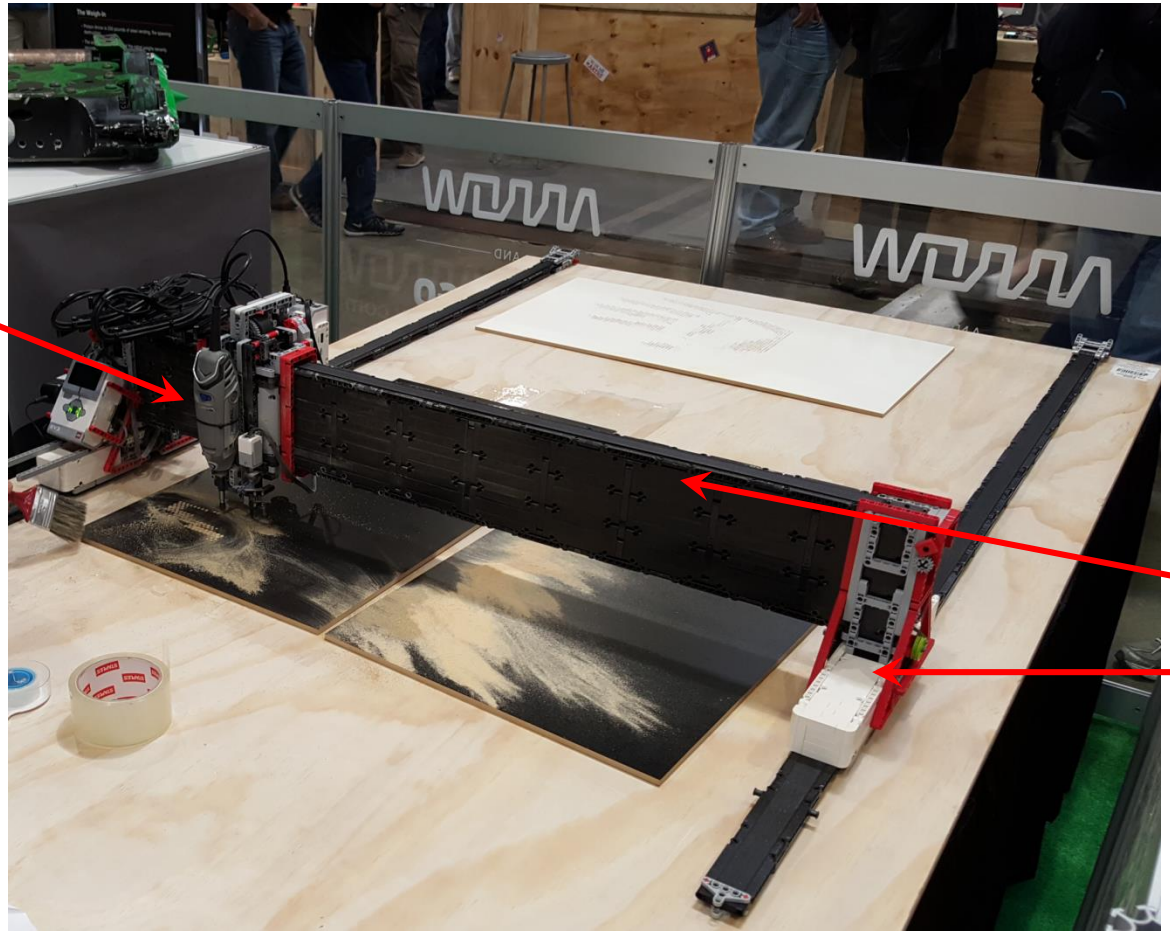
Startup Show Case

Motion Control Thru Hand Gestures

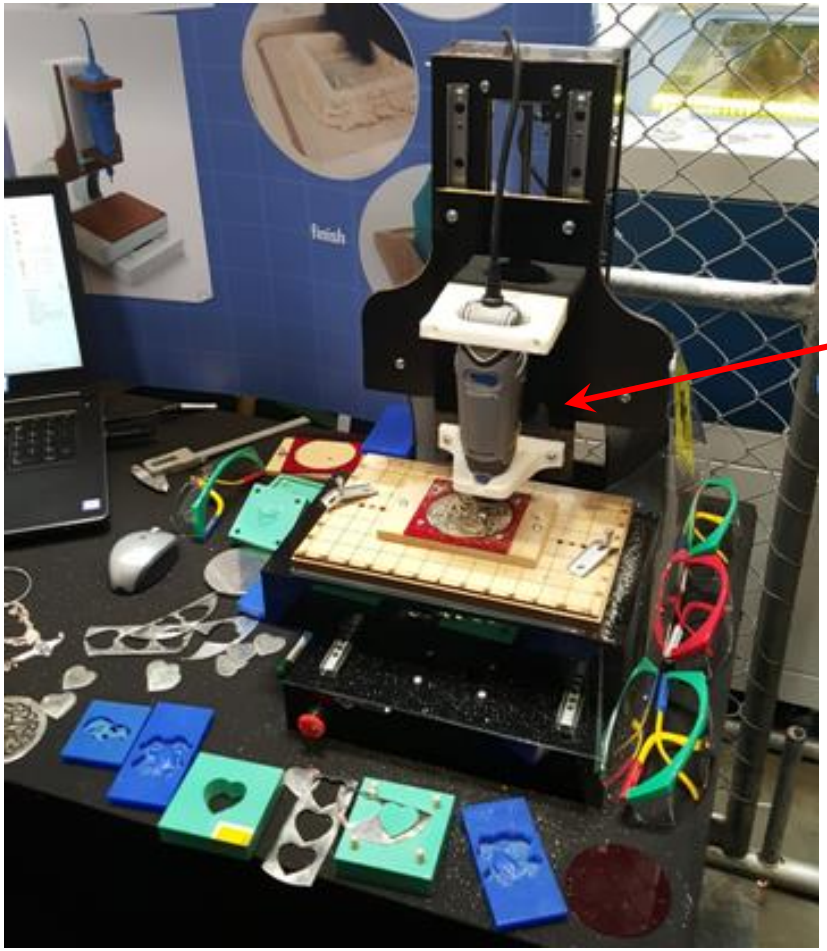
FlipBook



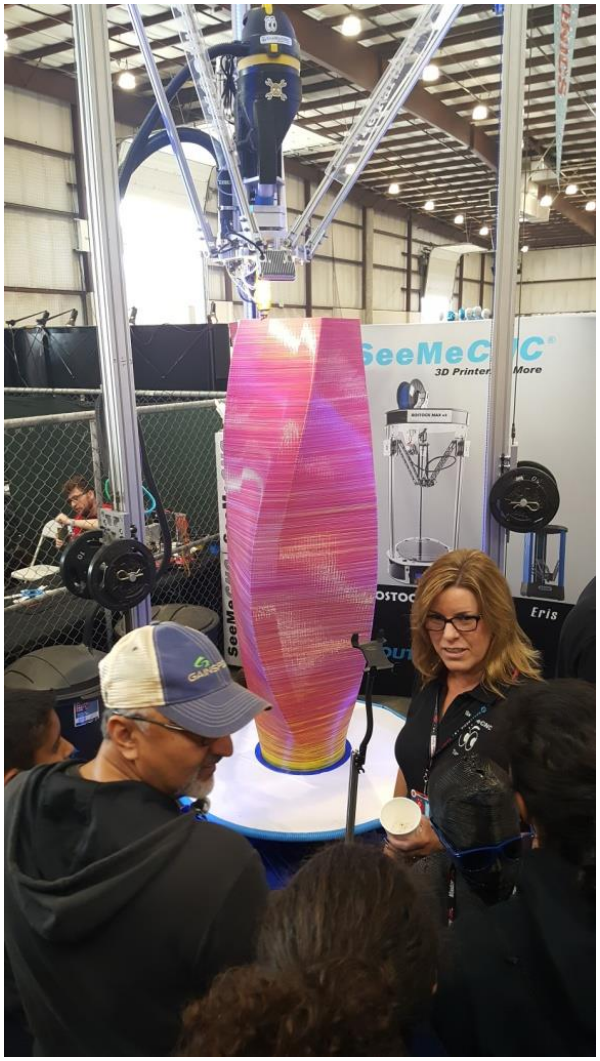
CNC with Dremel & Lego by Arrow Electronics



CNC using dremel



Super-sized 3D printer from SeeMeCNC



Kniterate – 3D printer for Knitwear

Flying Rover Drone – soon to be available on Kickstarter

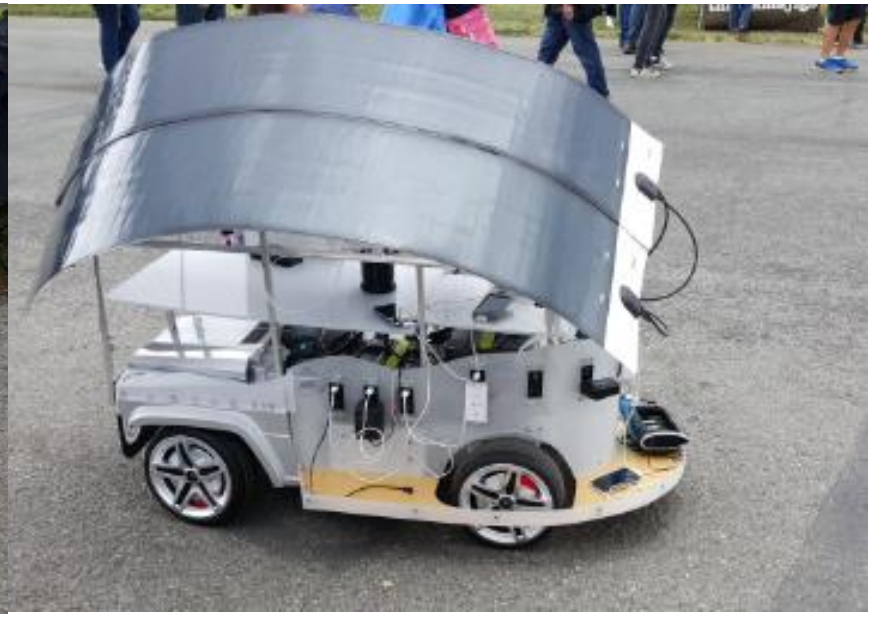
Wheels

Blades

Arcimotor Electric tri-cycle

- 2 seaters
- 3 wheels
- rides like a motorcycle
- 70 miles on one charge
- street legal
- ~$12k

Mobile Solar Charger



Auto Recycling Sorter

Bicycle wheels that displays messages when spinning

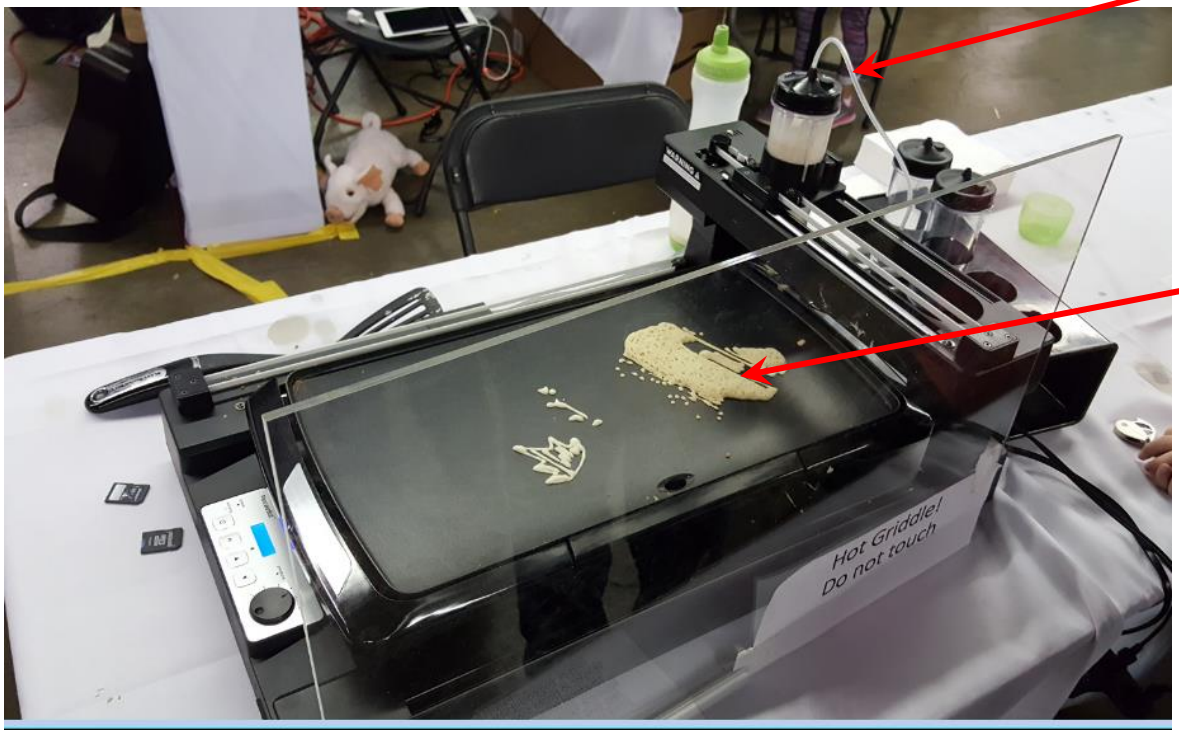
LED Piano


Luminescent
For booking and more info:
luminescentgrand.com

Home-made LED Hand Bag

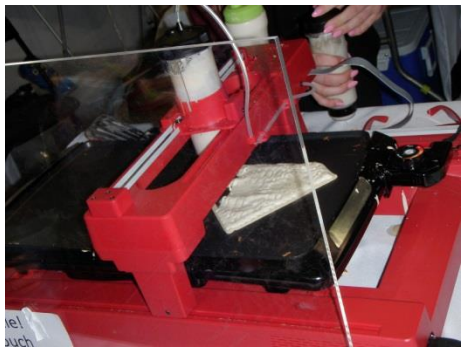
She made the LED handbag with programmable LED patterns

3D Printing Pancake Machine

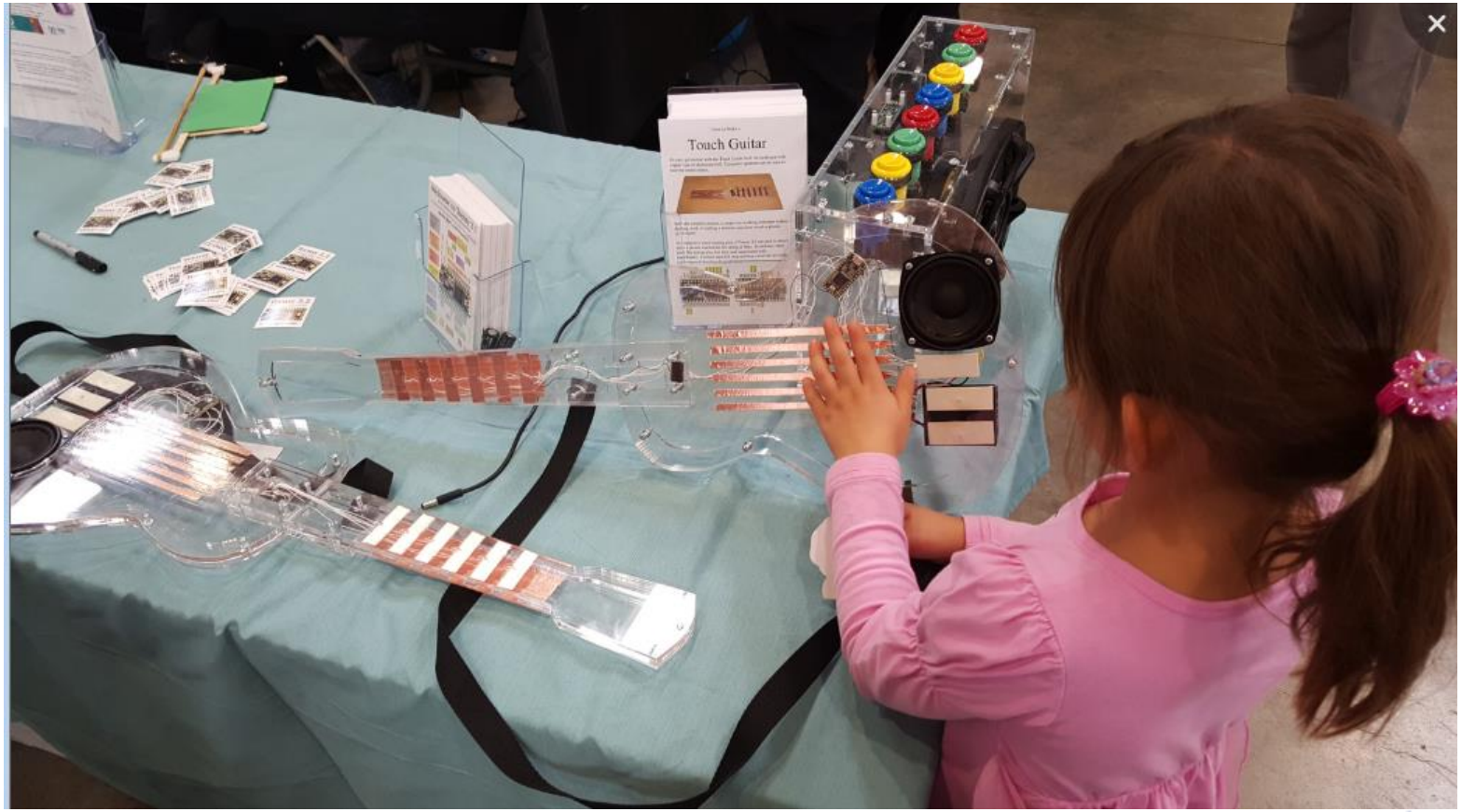


Bottle with pancake batter

Can be programmed to print any pattern



Touch Guitar



Vibrating headset for helping vision impaired to sense objects


תודה
Dankie
Gracias
Спасибо
شكراً
Merci
Takk
Köszönjük
Terima kasih
Grazie
Dziękujemy
Dėkojame
Ďakujeme
Vielen Dank
Paldies
Täname teid
Kiitos
谢谢
Thank You
Tak
感謝您
Obrigado
Teşekkür Ederiz
감사합니다