
Dal *design for all* al design personalizzato.

L'utilizzo delle nuove tecnologie di *Digital Fabrication* negli ausili.

Maximiliano Romero – Festa del lavoratori con disabilità, Milano, 19 Maggio.

Design for All (DfA)

“Il *Design for All* è l'approccio sociale che proclama il **diritto** umano di tutti **all'inclusione** e l'approccio progettuale per conseguirla.”

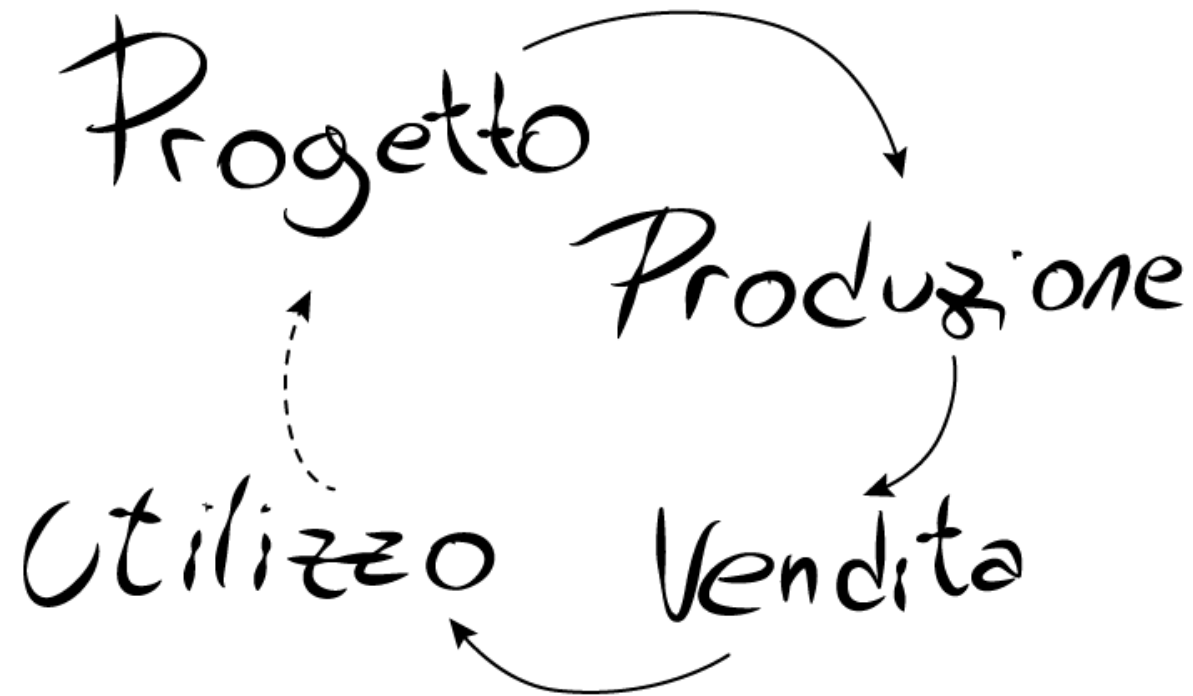
“Le soluzioni DfA sono utilizzabili in modo facile, comodo e gradevole **dalla maggior parte degli utenti senza dover apportare modifiche** in funzione delle diverse abilità fisiche, sensoriali o cognitive e senza dover rinunciare a un design accattivante.”

Design for All Italia,
www.dfaitalia.it/dfaitalia/dfa



“Good design enables, bad design disables”
(Paul Hogan, Design for All Europe)

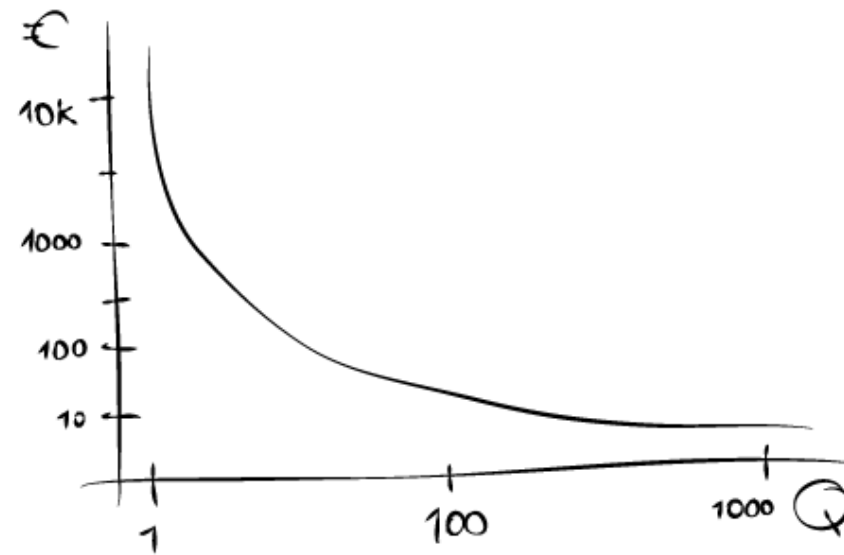
Sistema produzione-consumo



Sistema produzione-consumo



Produzione di massa



Cosa succede quando..

Progetto
Produzione
utilizzo

~~Vendita~~

Autoproduzione

io necessito,
io progetto,
io fabbrico,
io utilizzo..



Ausilio Fai-Da-Te per facilitare la
pressa delle carte da gioco.

Condivisione di conoscenza

The image is a screenshot of the Instructables website. At the top left is the Instructables logo, a yellow robot, with the text "instructables" and "Share what you make >". To the right is a search bar with the text "Let's Make" and "wheelchair" entered, followed by a magnifying glass icon. Below the search bar is a grid of six project thumbnails. The first row contains three thumbnails: "WheelChair R/C" by justbennett (a green motorized wheelchair), "Wheelchair Carrier" by crazy.leon (a metal frame for a car), and "Wheelchair workstation" by RubenRosseeI (a blue wheelchair with a workstation). The second row contains three thumbnails: a close-up of a wheelchair handlebar, a blue motorized wheelchair on a wooden ramp, and a young boy in a wheelchair with a headrest, with red arrows pointing to the headrest and the boy's head. The text "PVC Pipe wheelchair headrest" is written in red above the boy, and "Me as a kid trying to look like Tom Cruise" is written in red to the right of the boy.

WheelChair R/C
by justbennett

Wheelchair Carrier
by crazy.leon

Wheelchair workstation
by RubenRosseeI

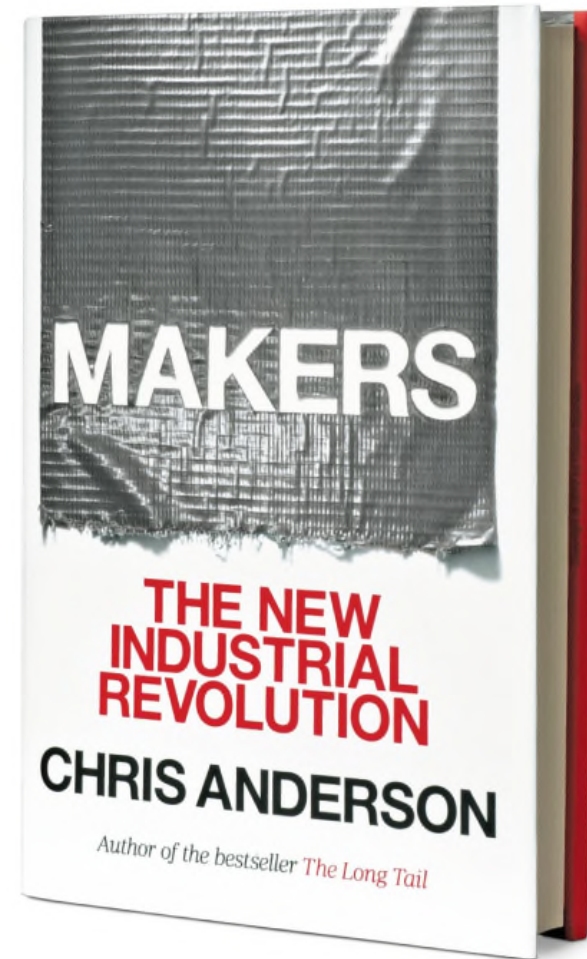
PVC Pipe wheelchair headrest

Me as a kid trying to look like Tom Cruise

Produzione di massa

“La produzione di massa va bene per le masse; ma per voi, che cosa funziona”

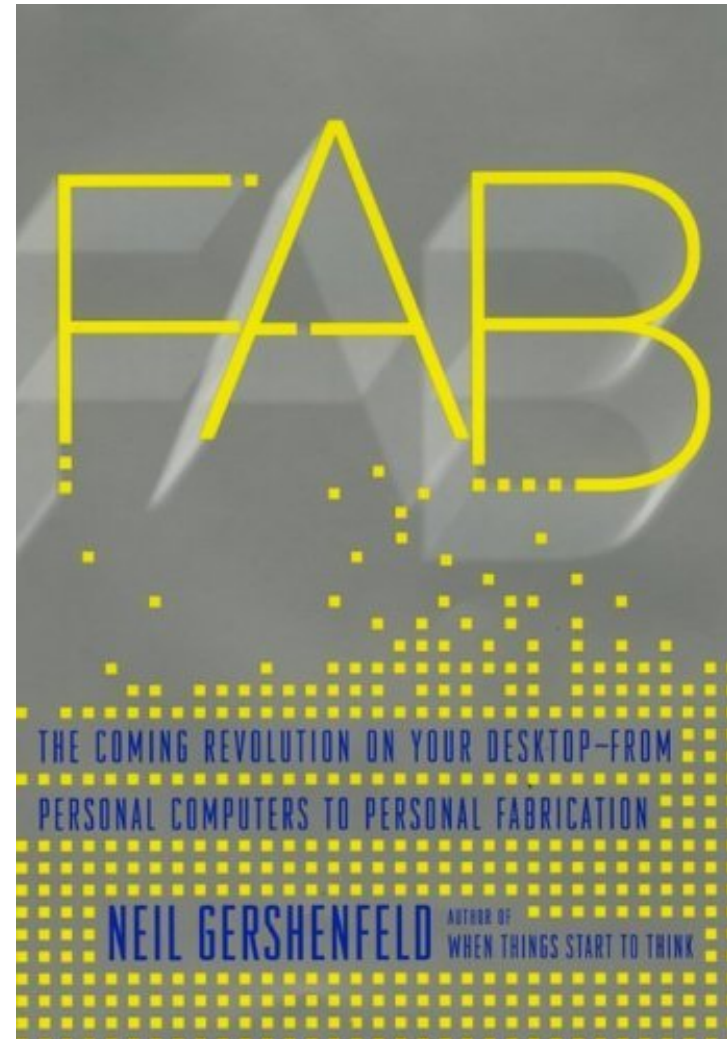
Anderson, Chris. Makers, il ritorno dei produttori. Per una nuova rivoluzione industriale. Rizzoli Etas, Milano, 2013



Digital Fabrication

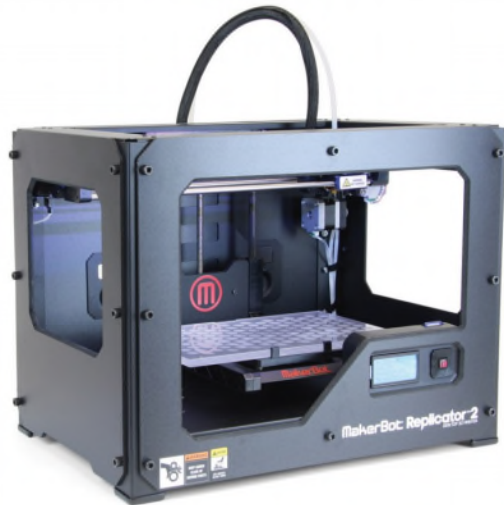
“Non si tratta di fabbricare quello che potete comprare al Wall-Mart, ma di fabbricare quello che *non* potete comprare lì.”

Gershenfeld, Neil. Fab: the coming revolution on your desktop, Basic Books, New York, 2005

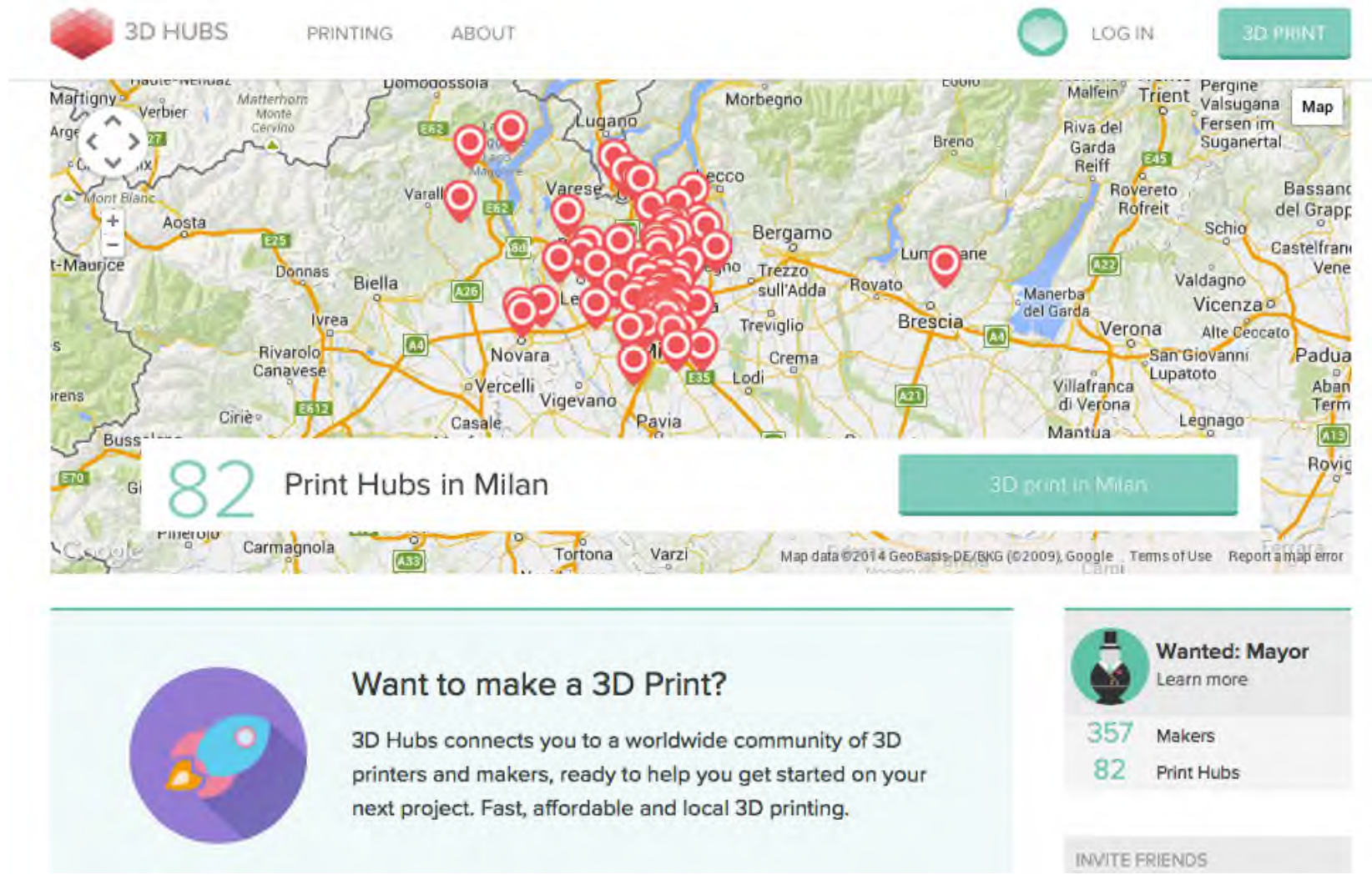


Digital Fabrication - HW

Machine desktop



Digital Fabrication Hubs



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3D print in Milan

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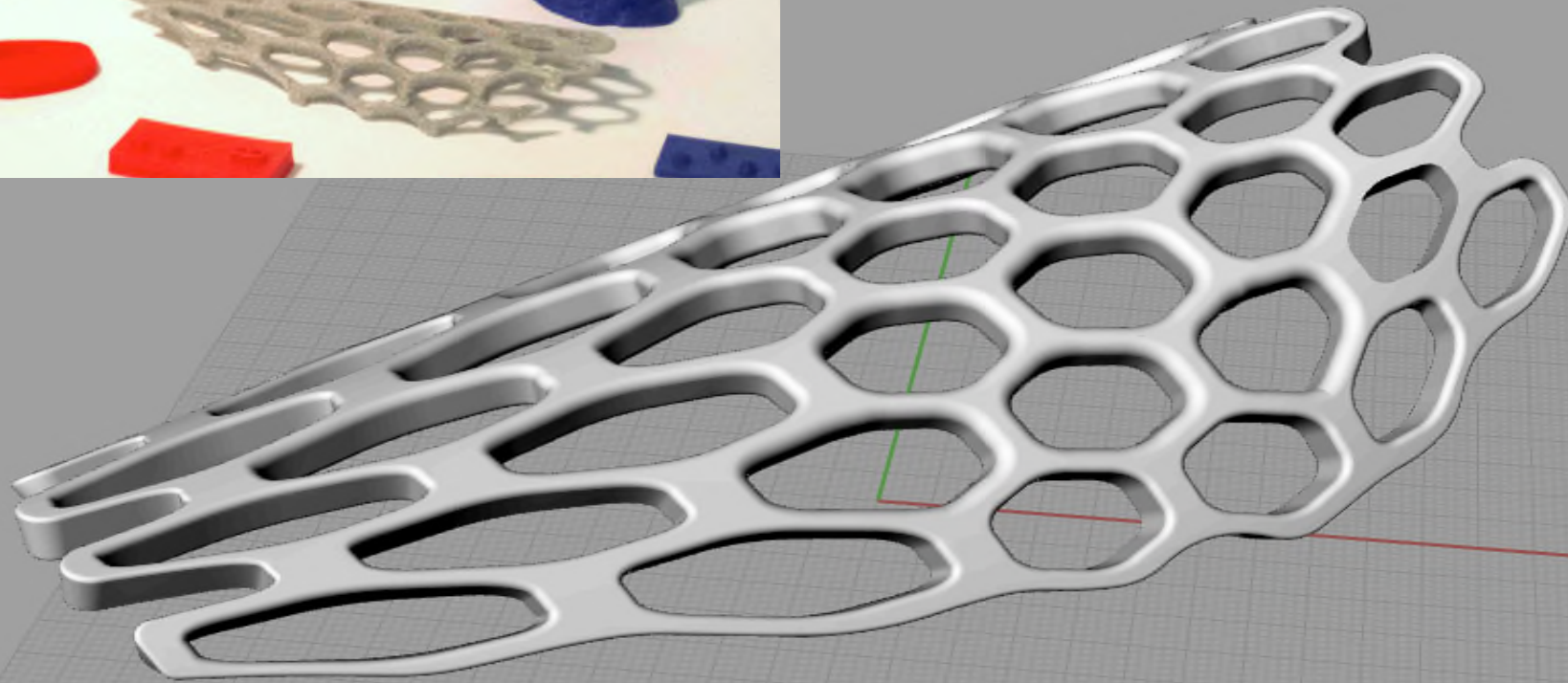
[Launch 123D Catch online](#)

Cortex



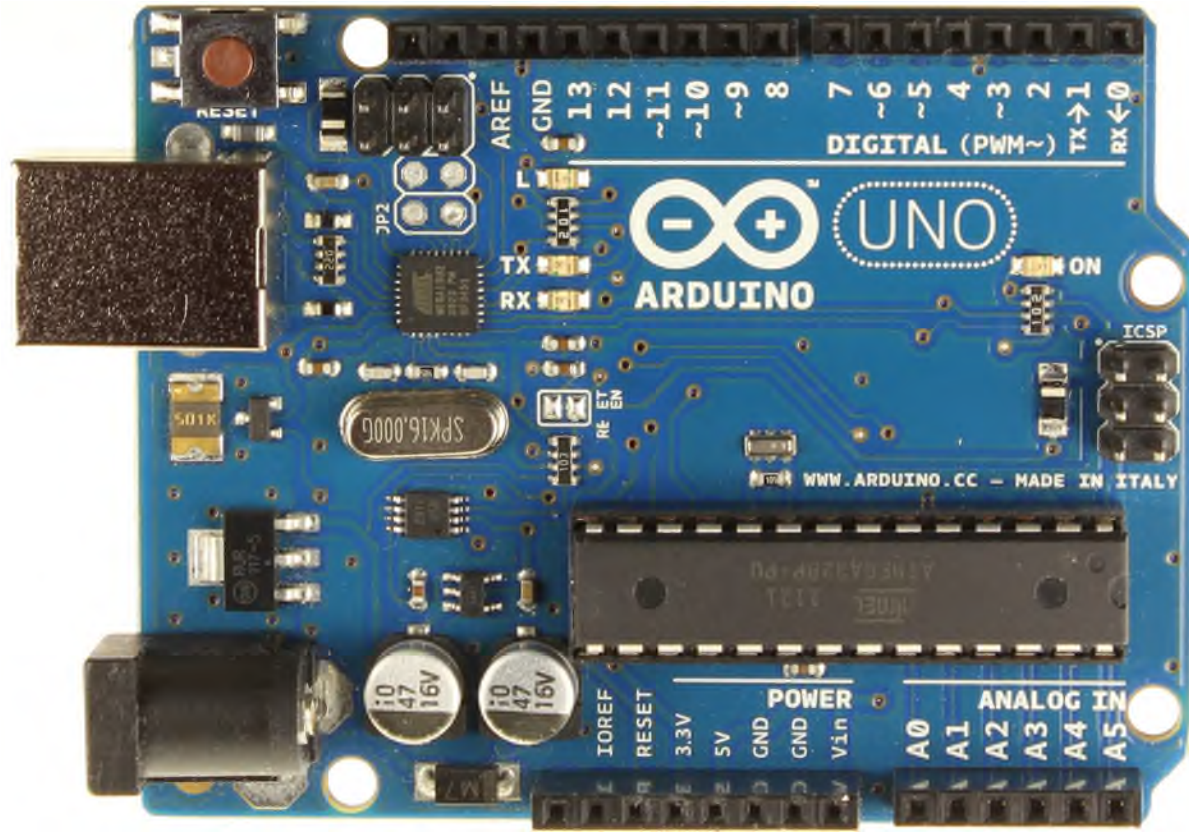
3D printed cast for broken bones. by
Jake Evill

Parastinchi

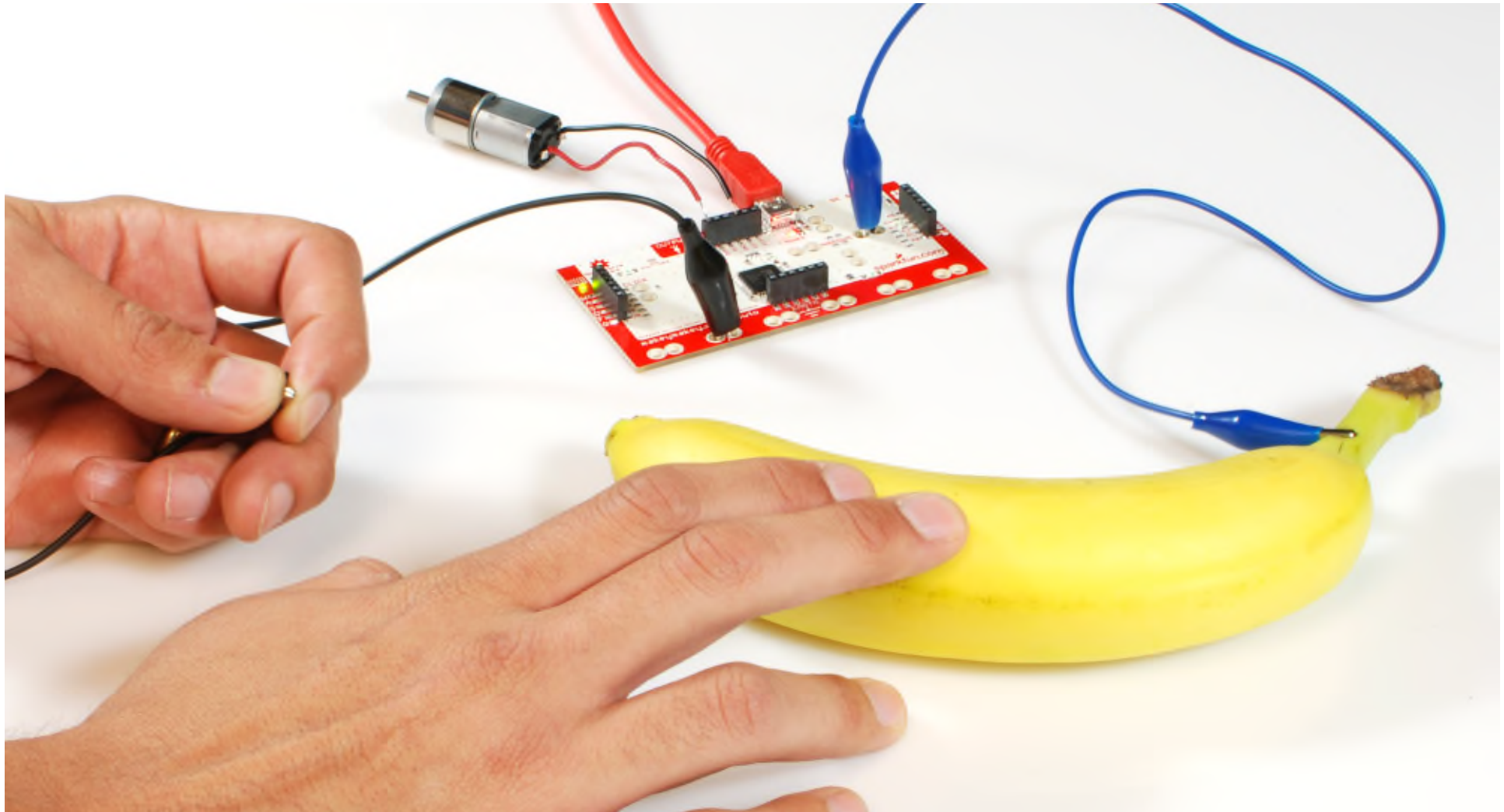


Parastinchi per PhyCo Lab: Michel "Osso" DeVie

Arduino



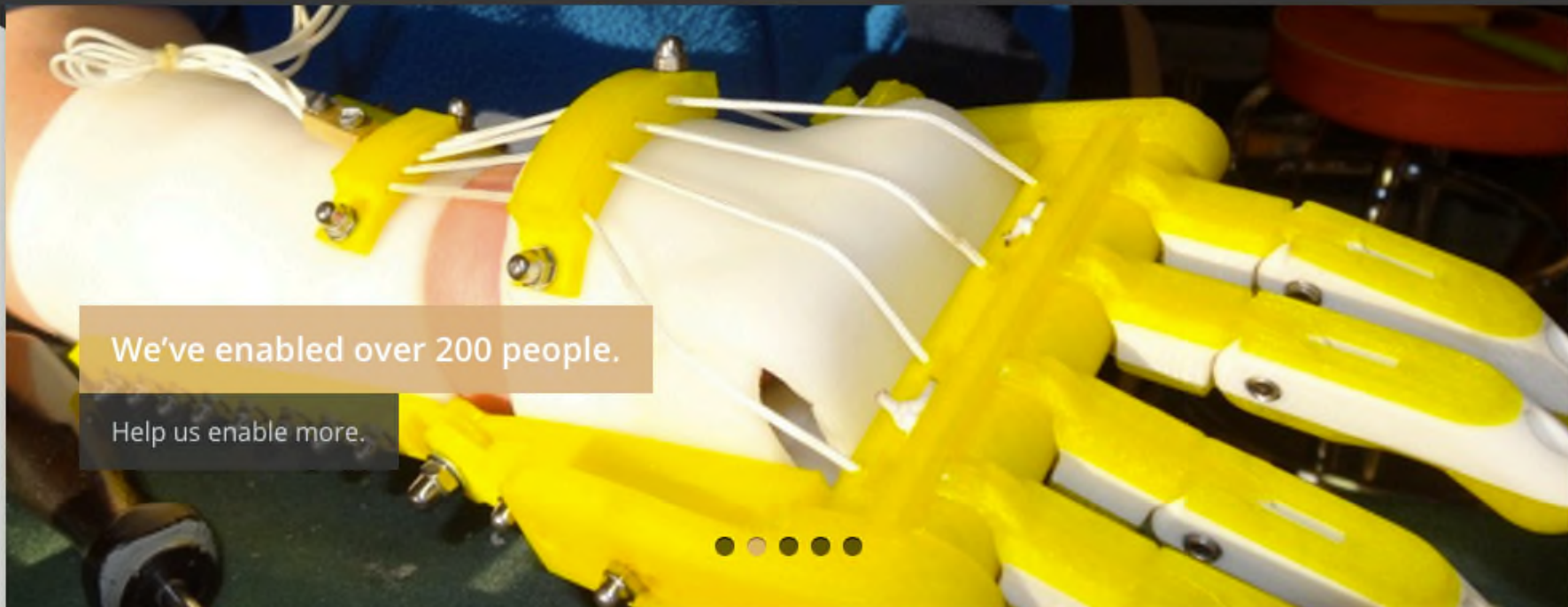
Makey Makey



Robohand



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34 results for "robohand": Things ▾ Sort: Relevant ▾

Snap-Together Robohand Jun 17, 2013
by MakerBot



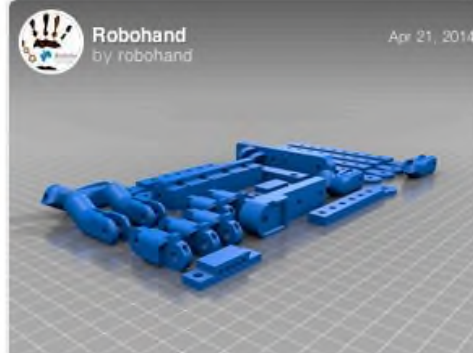
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Creation and provision of mechanical devices to replace lost digits.

Robohand improved wrist... Sep 5, 2013
by Anthromod



Remake of Robohands pr... Jan 30, 2013
by Anthromod



Progetti al Buio



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