

A Post-FAB11 Hello!

Wow! We are still recovering from the excitement, frenzy of work, long hours, and fun that was FAB11. This year's annual meeting of the global Fab Lab Network was exactly what we hoped it would be-- a FABulous opportunity to reconnect with old friends, meet new colleagues, learn from each other, hear about new projects and ventures, and explore future directions, a 24-7 feast of all things Digital Fabrication. About 1000 attendees from 78 countries came together at MIT, where it all started, and we're already looking ahead to FAB12 in China.

Thanks to our great IT and A/V teams there is a wonderful historical archive of the meeting. Please check out the [photos and videos](#) on the FAB11 website. Photo credit for much of the FAB11 photography goes to Stanley Rowin who seemed to be everywhere all the time with his camera!



There are so many people to thank, but not enough time and space here to do them justice. Suffice it to say that without the tireless help of so many of you, FAB11 would not have happened! From the many high school students, to the Fab Academy gurus, to the fabbers hosting workshops, to the crazed and incredible Fab Labs that brought their Mobile Fab Labs across the USA to get to FAB11, we thank you from the bottom of our hearts. You made FAB11 a terrific experience for all. I'd also like to send special thanks to our FABulous Sponsors who went above and beyond, not only by supporting the week of events but also by organizing and participating in the workshops and activities of the week. And very special thanks to Pamela King and Jean-Luc Pierite from the Fab Foundation for making FAB11 a memorable celebration for one and all.

Everyone agrees that it is the community of incredible people that makes the Fab Lab Network so special. Now that FAB11 is a happy but receding memory, we'll turn our heads toward wrapping up 2015 with new initiatives that broaden and deepen our very special community.

With a heartfelt thank you to everyone,

Lass

News from



FAB12

We are thrilled that our partners in China will be hosting FAB12 in and around the city of Shenzhen August 8 - 14, 2016. Watch this space for news and updates on what promises to be a big event for the network. And FAB13 you may ask?

Santiago Chile will be the host city!



FAB12 Handoff to China Team

Fab Awards

The second annual Fab Awards competition was held during FAB11 with 66 entries coming from the Fab Lab network. In true Fab Lab spirit, the submissions are documented in the FabLabs.io platform so that anyone can recreate them in their own lab.

The Awards went to [drumroll]:

First Prize

EMOsilla Fab Lat Kids

By Ilaria La Manna, Alejandra Dias de Leon and Alex Garcia

Second Prize

Risha Laser Cutter

By Moushira El

Third Prize

Circular Knitic

By Mar Canet and Varvara Guljajeva

Special Medical Award

In3 - a Low Cost Incubator by Alejandro Escario

Sponsored by Stanford Medicine X

We would like to thank this year's award sponsors:

GE Ventures

Autodesk

Roland

The complete ceremony is on the FAB11 website: [Fab Award archive](#)

FAB11 Video Archive



Couldn't attend Fab11? No worries, the complete archive is now online. Special programs include the "Making" Conversations and the Symposium, plus the Fab Award and Fab Academy graduation programs. Here's the link: <http://www.fab11.org/photos-and-video/>

Sponsor News

Autodesk

We are excited to announce a new collaboration with Autodesk. Best known for software and the recently introduced Ember 3D Printer, Autodesk is partnering with us to provide free software licenses to Fab Labs. Watch this space for details on how to sign up!

Chevron

New Chevron-supported Fab Labs opened in the last few months. See the new Fab Lab section for details.

GE Ventures

As part of their FAB11 Sponsorship, GE Ventures hosted a brainstorming session on Fab Lab impact, especially for entrepreneurship and STEM education. Report coming soon.

SolidWorks

Fab Lab Champion and SolidWorks community and education guru Marie Planchard worked with the Fab Lab in Manchester [UK] to promote building tech start ups.

New Fab Labs

There are so many new labs coming online. A few we've heard from include:

New Chevron Supported Labs in the USA

- Carnegie Science Center opened its new Fab Lab in Pittsburgh in late August. CSC's Fab Lab program includes a mobile Fab Lab which will visit regional communities for STEM outreach.
- West Contra Costa Unified School District opened Fab Lab Richmond at Kennedy High School in Richmond, CA on Sept. 29. Have you ever had a 4th grader tell you the difference between a raster and a vector cut?!?!? Wow!
- A unique program serving Fayette, Greene, and Washington counties in southwestern Pennsylvania puts a permanent IU1 Community Fab Lab in Coal Center, and includes a mobile Fab Lab, which will give rural community school districts access to Fab technology and equipment that can be set up at their schools. The IU1 Fab Lab program launched October 28.



Sherry Lassiter with Sonya Prior-Jones at IU1
Fab Lab Opening

- Chevron also helped upgrade Fab Lab DC for expanded programming

For details on all the new Chevron activities, along with photos, go to our [News Releases](#) posted on the Fab Foundation website.

Armenia

Report from Jamie Severson from CBA

In July MIT's Center for Bits and Atoms (CBA) deployed Armenia's first Fab Labs. MIT grad students Will Langford and Amanda Ghassaei, along with CBA's Jamie Severson, spent three weeks setting up the labs, training staff, and making fab friends. The first lab, sponsored by the Central Bank of Armenia, is located in the former Soviet resort town of Dilijan in a beautiful new facility designed by lab manager, Vazgen Gabrielyan.



The second lab is located in the AYB High School in the country's capital, Yerevan. Both labs are situated in high schools, and will be primarily used for educational purposes.

Other New Labs Include:

- India was a hotbed for Fab Lab startups this summer: FAB LAB IITB (Mumbai), FABLAB Trivandrum (Kerala), and FABLAB Kochin (Kerala) were installed in June, with many more in the pipeline!
- Tsakane Fab Lab in Ekurhuleni, South Africa came online in May with Luciano Betoldi and Beno Juarez as the startup gurus. Neville Govender is leading the Ekurhuleni Fab Lab community. Recent Fab Academy graduate

David Montenegro is currently onsite training and supporting the new lab.

Mobile Fab Labs

Project Lead the Way students in Elyria, Ohio built 3 mobile Fab Labs at the Lorain County Community College Fab Lab-- led by Noah Raster, Nick DiGiorgio, Scott Zitek and Tim Breuning. The mobile labs were delivered to California and Pennsylvania this summer. It seems a new enterprise is emerging from their great work!

Fab Academy

2016 Fab Academy

The Barcelona team is already preparing for Fab Academy 2016 and registration is now open. For full details on the *How to Make (almost) Anything* class starting in January go to the [Fab Academy website](#).

How to Grow (almost) Anything

In a wonderful collaboration with Professor George Church at Harvard as well as a number of other experts in the field, a pilot course in biofabrication started in Sept. This will become the second course offering in Fab Academy, or Acadamany. Watch this space for details and outcomes.

News from the Network

UN Sustainability Summit

Floating Fab Lab | Peru

Beno Juarez and his global team of collaborators are launching the world's first Floating Fab Lab project in South America. The Flotante Fab Lab Amazonas will explore local solutions to climate change, and address production and consumption cycles, as well as social inclusion, by integrating the latest digital manufacturing technologies with the rich cultural and natural diversity of the Amazon.



Beno Juarez from Fab Lab Lima (far left)

Beno was one of 15 Solution-Makers selected to present his concept at the UN Sustainability Summit in New York in September. Quite an honor to Beno and the Flotante team! To learn more, go to the [United Nations website](#).

EU Study Grant

A consortium of European Union Fab Labs recently received a grant, MAKE-IT, to study maker communities, through ten different case studies and innovation action research, and to enhance their use of Collective Awareness Platforms (CAPs). CAPs support maker communities and networks to innovate, design and make physical products based on peer collaboration and sharing. MAKE-IT, in which key maker platforms, technology firms and citizen communities participate, will focus on three perspectives: organisation and governance of the communities, their peer and collaborative activities and behavior, and their economic and societal value and impact. Watch this space for more details as the study progresses.

DigiFabCon

DigiFabCon, the conference organized by Fab Lab Hub to celebrate all things Digital Fabrication, is moving from Baltimore to Cambridge to build upon FAB11 and be part of the Cambridge Science Festival. Save the dates: April 22 & 23, 2016 at the Microsoft NERD Center. Details are forthcoming...or you can email Sarah@FabLabHub.org.

USFLN

The United States Fab Lab Network(USFLN) will hold its annual Symposium on 21-24 March, 2016 at Northwest Arkansas Community College in Bentonville, AR. For details on early-bird registration and membership, see www.USFLN.org.

An Easy Way to Help

As the network expands, so do our financial needs to support all the great Fab Lab

work around the world. To generate funds, we've signed up for Amazon Smile.

Just log into <http://smile.amazon.com> and select Fab Foundation as your charity of choice, then shop as you usually would. A small amount of your purchase is donated back to the Fab Foundation from Amazon. It's not a lot of money per order, but can add up - especially when you have as large a network as we do. And it doesn't cost you anything!

Thanks in advance for adding the Fab Foundation to your existing Amazon shopping experience.

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