



FAB FOUNDATION

FAB13, STEM Awards, SCOPES-df call for content, Fab Lab network events, jobs, projects and more!

This newsletter is packed with opportunities to get involved and participate in Fab activities across the planet...

FAB13, hosted by Fab Lab Santiago with support from the FabLAT network is only a bit more than two months away and there is much to do! We need your participation for workshops, talks, Fab Festival activities, volunteering, etc.

The global STEM Education Awards applications are online and ready for your submissions. Winners will be announced and fêted at FAB13.

The FAB13 Scholarship Fundraiser is taking donations at Generosity.com. Make a contribution today!

SCOPES-df, the Fab Foundation team's new project for digital fabrication in formal education has put out a call for content. Who better than you to submit the exciting, engaging activities that you have designed for youth in your community? Help us help formal educators get started in digital fabrication. Submit your activities today!

See what the Global Humanitarian Lab is doing and how you can get involved.

For depth and breadth **read on!**

Lass



FAB13
July 30-August 6, 2017
Santiago, Chile

The FAB13 Santiago Team is anticipating your arrival in a few short months! First thing to do is [REGISTER!](#) Early Bird tickets for \$500US will be available until June 15, 2017.

The Agenda for the week looks like this:

Sunday, July 30: Opening reception in the evening
Monday July 31 to Thursday, August 3: Mornings for Network news and conversations,
 Afternoons for Workshops, Demos and Tutorials
Friday, August 4: Symposium
Saturday August 5, Sunday August 6: Fab Festival (which is going to be a big deal this year
 with Fab Lab Santiago and FABLAT leading)

There is much to do to prepare for the week of events! Please participate in any and all of the ways listed below...

WORKSHOP APPLICATIONS ARE NOW OPEN:

- [APPLY TO GIVE A WORKSHOP](#) Workshops will take place between Monday July 31 and Thursday August 3 in the afternoons. Make sure you have all the information for your workshop when you fill in the form: days available, materials needs, equipment needed, etc. Workshops, Demos and Tutorials can be 2hrs in duration, 4hrs (over 1 day), 8hrs (over 2 days) and 12hrs (over 3 Days). Deadline for Application: May 31, 2017

RESEARCH PAPER APPLICATIONS ARE NOW OPEN:

- [SUBMIT A PAPER](#) Original Research papers on the topic of fab labs and society.

Deadline for Abstracts is May 31, 2017
 Deadline for Submissions is June 30, 2017

PARTICIPATE:

We want you to be part of FAB13 and there are many ways to participate. Below are several categories from which you can choose to participate. Please read carefully each application description so that the information you publish is correct.

- [APPLY TO PRESENT YOUR LAB](#) This is one way we keep up with new labs joining the network and great projects happening in established labs. If you have a new or established lab and want to tell us about your lab and work, this is the time and venue to do it! 10 min presentations from Monday until Thursday. It's so much fun!
- [APPLY TO GIVE A FABxTALK](#) For the Fab13 Festival on Saturday and Sunday we want you to present your projects, research, interesting topics and anything in between. These are short TALKs, up to 15min presentations.

- [PROPOSE AN ACTIVITY](#) For the weekend Fab Festival we're looking for cultural activities, shows, dance, music, art -- anything that can help shape the festival's creative program. These activities will create interaction with the general public -- so be free to apply with whatever fun and interesting activities that you feel will inspire others!
- [BECOME A VOLUNTEER](#) Help us INSITU to bring FAB13 to the community. There are 2 ways to apply: Part-time (50% Discount on FAB13 ticket) or Full-time (100% Discount on FAB13 ticket).
- [DO AN INTERNSHIP WITH US](#) Come and help us make this event possible (extra hands are always welcome!) while learning high level skills during a few month internship, and win a ticket to FAB13.

See all the ways to participate on our official page in [APPLY](#) section.

INVITATION LETTER:

If you need an invitation letter for the purpose of visa applications and the like, please fill out the following [FORM](#)

TRAVEL / ACCOMMODATION:

This is the list of the official FAB13 Hotels, check them out and choose your favorite (These hotels are steps away from the main venues):

[HOTEL CUMBRES LASTARRIA](#)

To Make a reservation at this hotel please contact: fcaramo@hotelescumbres.cl with a cc to: nmcoronell@gmail.com . Please include the names of guests and dates needed for accommodation. You will need to provide credit card details.

For all other hotels, please follow these links:

[HOTEL ISMAEL 321](#)

With discount a week before of the event

[HOTEL CROWN PLAZA](#)

With discount until July 1, 2017.

[HOTEL CUMBRES VITACURA](#)

With discount a week before of the event

(this is the furthest away from the FAB13 venues...)

Please check out our [TRAVEL](#) page for more information on how to get to FAB13 and great things to do before and after FAB13 while in Chile!

Thank you Fab Lab Santiago and the entire FABLAT community for making FAB13 possible!



CHEVRON STEM EDUCATION AWARDS 2017!

We are delighted to announce that Chevron is sponsoring the STEM Education Awards for the Fab Lab Network this year at FAB13.

Fab educators, both formal and informal, demonstrating innovative ideas teaching STEM using digital fabrication (including electronics and programming) and hands-on learning will be awarded cash prizes and an opportunity to share their work at Fab13 and across the network.

The Chevron STEM Education Award will include: a \$5000 1st prize, a \$3000 2nd prize and a \$1000 3rd prize.

Eligibility: An educator in a formal school or informal educational organization (such as museum, after school program, other NGO) that develops and/or delivers student courses or programming impacting STEM education for K-12 students (ages 5 to 18). **This includes approaches grounded in Fab Labs, that is, digital design, digital fabrication and/or programming and electronics.**

Application Process: Applications are due for consideration by midnight EST on **Friday, June 9th** but will be reviewed on a rolling basis, and should be submitted to bit.ly/CVX17STEMAwards.

Applications will be reviewed by a committee of network members. Labs submitting an application, are ineligible to review applications.

Winners will be informed by **June 23rd**, and formally announced during FAB13.

The Fab Lab network is an open source knowledge sharing community. Therefore, all submissions will be public and shareable throughout the network.

FAB13 Scholarship Fundraiser on generosity.com

The Fab World has come through again, donating cool rewards to our FAB13 Scholarship fundraiser!

GeoOrbital has contributed a wheel that turns your ordinary old bicycle into a Tron-like electric bike in 60 seconds. Valued at \$995, we have just ONE at \$895 plus shipping. Biking will never be the same with an electric bike! [Check it out!](#)

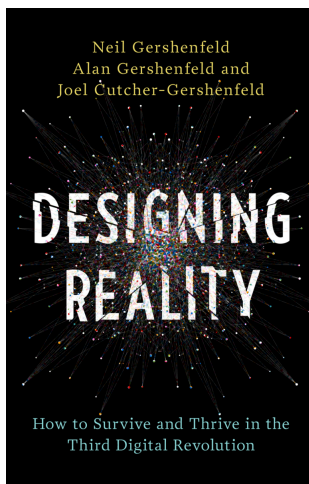
If you live near or plan to visit Mexico City, Fab Lab Impact is offering a 2-month co-working space that will be sure to inspire. More [info here!](#)

More "Lunch with Lass" Rewards Added!



Due to popular demand, the "Lunch with Lass" reward has already sold out! Graciously, Sherry has agreed to add 4 more rewards to the campaign. If you act now, you can have lunch with the woman who is often described as the heart and soul of the Fab Lab Network. Whether in Cambridge, MA or, if schedules can be arranged, a mutually agreed location, you'll get Lass' undivided attention to brainstorm, collaborate and enjoy good food. [Nab this reward](#), before it's too late!

Get Neil Gershenfeld's new book ahead of all your FAB friends!



Another popular reward has been a pre-publication copy of Neil Gershenfeld's new book *Designing Reality*, written with his brothers Alan and Joel. Read *How to Survive and Thrive in the 3rd Digital Revolution* before any of your friends or colleagues! Very limited advance copies are available, [so make your pledge today!](#)

Marketing Workshop in Santa Fe, NM



Have you always wanted to visit Santa Fe, New Mexico and also need some marketing help? Then we have just the reward for you. 3 nights in a private casita for 2 people plus a full day of marketing help from Fab Lab Hub. Santa Fe is an enchanting place you won't want to miss, especially at such a great value, well below local hotel pricing!

Casita alone also available at same price!!

So don't delay, go to our [Indiegogo Generosity Page TODAY](#) and get in on some great rewards, while supporting the global community, which everyone agrees makes the Fab Lab Network so special!

While funding is still being determined, we want to help as many fabbers and makers come to FAB13 as possible.

To apply for a FAB13 Scholarship, please send an email to: FAB13Scholars@fabfoundation.org.

Tell us where you are from, what kind of funding you need (conference registration, airfare, accommodations), when you can volunteer to help us with the conference, why you want to come, and the work you do at your own fab lab or makerspace that will benefit from attending.

SCOPES-df Call for Content!

Are you interested in joining the Fab Foundation community to impact STEM learning through digital fabrication?

Fab Foundation's new *SCOPES -df* (Scaling a Community of Practice for Education in STEM through Digital Fabrication) project aims to catalyze STEM learning in formal educational environments through digital fabrication technologies and practices found in a Fab Lab or MakerSpace. During this initial phase, we are **collecting activities and projects from any educators engaged in STEM pursuits for K-12 learners**. The purpose of the call for activities and projects is to develop a compilation of digital fabrication lessons that have been aligned to standards and remixed a bit for open source distribution.

How can you help us seed this community building? We are calling any educators in the Fab Lab and Maker networks to **contribute content by May 31st, 2017**. To contribute, anyone can **submit through the online form** at <https://goo.gl/dpMxgB> or email ideas and files to SCOPESdf@fabfoundation.org.

Once collected the activities will be further developed and refined into digital fabrication lesson plans that are aligned to national U.S. standards, and later international standards. The final *SCOPES-df* lessons will be organized in a single format and attribute original content and sources to the contributor, and are open for release under a Creative Commons CC by SA license that permits their free use and re-purposing by others (this aligns with our [organization and network's charter](#)).

During the 2017-18 school year, we will work with a small cohort of schools to further develop curriculum and provide professional development, further building out the community of practice in person and through a new online community connected to our existing open communities of sharing on fablabs.io.

We also need your help amplifying the call for contributions throughout your networks. Please forward or post this call and link through any communication or social media channels. You can repost this and link to our [Twitter](#) and [Facebook](#):

@FabFndn want your ideas, K-12 #STEM #educator #makers for new #SCOPESdf project sponsored by @Chevron @GEFoundation

For more info on Fab Foundation, visit <http://www.fabfoundation.org/> For more info on the *SCOPES-df* project, visit <http://goo.gl/NQOsPk>. The *SCOPES-df* project is made possible by the generous support of Chevron and The GE Foundation.

PLEASE NOTE: The first 25 submissions to the SCOPES-df project will be automatically entered into the Chevron STEM Educator Awards for 2017! (see above...)

Events in the Fab Lab Network



Adam Savage Maker Tours
Every week on Tested.com.
Adam visits Fab Labs, MakerSpaces and great makers across the USA.
Check it out!

Congratulations to Fab Lab Egypt and partners for hosting around 10,000 people for the [Maker Faire Cairo](#) in Egypt.



Congratulations Artilect fablab! See what happened this weekend at:

[Fab Festival: MakeEurope](#)
Artilect fablab, Toulouse, France
May 11- 14, 2017

[MakerEd Convening](#)

San Francisco, CA, USA
This week! May 16 -17, 2017

[Maker Faire Bay Area](#)

San Mateo, CA, USA
Next Weekend! May 19 - 21, 2017





[FUSE 2017 Conference](#)
(Form Labs User Conference)
Cambridge, MA, USA
June 6, 2017

[Maker Faire Barcelona](#)
Barcelona, Spain
June 16 - 17, 2017

Digital Fabrication Job Listings

Be sure to check out the many [new job listings](#) on the FabEconomy website for digital fabrication positions in 29 Palms California USA, France, China, Spain, Chile that are open now. Many more are coming in the next few weeks. Of particular note is the 29 Palms, CA opening which is part of the Fab Foundation collaboration with DARPA. Please see jobs.fabeconomy.org for an up-to-date listing of network opportunities!

Projects from the Network

Fab Lab Network Humanitarian Overlay

The humanitarian overlay is an interface between the humanitarian sector and the global fab lab network. It stems from the partnership between the FabFoundation.org and the GlobalHumanitarianLab.org and both partners are currently working out the "mechanics" of this overlay, including:

- How can the humanitarian sector most efficiently communicate its challenges to the global fab lab network?
- How can members (individuals or labs) from the global fab lab network be involved on humanitarian innovation projects?
- How can creative initiatives from the fab lab network serve and integrate with the humanitarian needs?
- How to best capture, document and share valuable fab lab projects (products, processes, etc.) potentially innovative for humanitarian relief?

To get involved, please contact:
overlay@globalhumanitarianlab.org

The GHL set up their first mini-fab lab in partnership with Terre des Hommes at their Loannina, Greece community center for refugees and local residents in April.

STAY CONNECTED:



The Fab Foundation, 50 Milk Street, FL 16, Boston, MA 02109

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Sent by sherry.lassiter@fabfoundation.org in collaboration with



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