



The Fab Foundation
June 19, 2012

FAB8 Annual Meeting

Rata tat tat tat...Do you hear the drum roll?

It's that time of year again! By popular demand ***FAB8 will be held this year in Wellington, New Zealand August 22-28.*** Hosted by the Institute Of Design For Industry And Environment (IDIE), College of Creative Arts at Massey University, it's sure to be an adventure. The draft agenda, registration, hotel and local travel information can all be found at: <http://fab8nz.com>. Please note, it will be winter in New Zealand in August, so plan to dress warmly.

The format will change a bit for FAB8. We'll start with 3 days of workshops and special interest topics. The morning sessions will generally open with a topical presentation, followed by the individual fab lab updates—this year in *Ignite format* (<http://igniteshow.com/howto>) which for fab lab presentations means 12 slides, 15 seconds per slide and then you get the hook. (Thank Tulsa fab lab for the idea!) The afternoons will follow single tracks: Wednesday is *Tutorials*, Thursday is *Research*, Friday is *Operations & Practices*. The weekend is entirely dedicated to Fab Camp, open-ended, unplanned sessions during which we can make almost anything (similar to the Foo™ concept). The Academic Symposium, Fab Academy Graduation and Fab Lab Exhibition will be held on Monday, August 27. Tuesday August 28 we will conduct our final business meetings, hear committee reports and make plans for the coming year. All of this will be topped off by the annual Fab World Cup and a final celebratory gathering Tuesday evening.

We're working to find ***extra funding for participants who need help with their travel expenses.*** An application for travel assistance will be required, and can be downloaded from the FAB8 website in the coming week. While there is no funding for travel assistance yet, we hope to be able to help.

The Fab World Cup challenge this year is Fab Flight. Wellington is known for its wind, which has inspired the competition. As the weather is so unpredictable we will be flying indoors in triple height space, so please take note of this. We will give five awards: First, Second and Third places, Most Creative Interpretation and Most in the Fab Lab Spirit. There will be five judges and volunteers are welcome! Details will be posted on the FAB8 website but here are the basics:

Entry Classes:

- Motor or Fuel propulsion/lift vessel

- Alternative propulsion/lift vessel
- Larger than a Modela

Flight Rules:

- Must be air borne for 30 seconds
- Must have used at least one fab lab tool and process to fabricate it
- Can't cost more than \$200 in materials, can decorate as you wish , but all functional and structural components must be made, programmed, constructed in fab lab. (So putting a giant jet engine on your entry will be cool but you won't win unless you made the jet engine in the fab lab).
- Must be physically present and demonstrate it at FAB8 on Tuesday afternoon, August 28.

Documentation:

Before the competition on Tuesday, August 28 you need to send us a link to your documentation or just send us the documentation and include:

- Your name and contact information
- Title of your entry
- At least one picture of the finished (or almost finished) vessel
- A short written description of what you made and how you made it
- Any design or fabrication files, or programming files you made and are willing to share with the rest of us.

Other Announcements

Summer Fab Lab Master Residency at MC2STEM High School in Cleveland, Ohio

We're looking for a super fab lab guru to do a one-month master residency with us in Cleveland, OH this summer. At MC2STEM High School we're developing a Teacher Professional Development program to help us scale our own teaching staff at MC2STEM high school fab lab, and to grow beyond this high school to train other teachers in the fab lab network as fab labs move into formal education settings. The residency would require teaching the tools and processes of fab labs to our faculty, working with MC2STEM staff to integrate project-based pedagogy and STEM curricular strategies into fab lab teaching activities, identifying appropriate projects and directions for STEM teaching, and documenting the resulting program and strategies for future teacher professional development activities. The commitment would be 5 days per week for a month and includes a stipend, transportation, accommodation and other travel costs. If you are interested in this unique opportunity, please contact Jeff McClellan principal of MC2STEM High School: jeffrey.d.mcclellan@cmsdnet.net.

FabFuse Grassroots Workshop in Amersfoort, Netherlands August 8-10, 2012

Please note that the Amersfoort fab lab is hosting a strategic meeting to develop the \$10K fab lab concept. Grassroots is a subject that needs to be addressed in Europe in general and sponsor-money for starting a full-scale fab lab is becoming very scarce. FabFuse intends to start a body of knowledge and practices for setting up and running a \$10K style fab lab. FabFuse will report the results of their meeting during FAB8. Please see:

<http://www.fabfuse.org/>

Open Thesis Fabrication, APPLIED RESEARCH AT IAAC-FAB LAB BARCELONA.

September – December, 2012

The Open Thesis Fabrication (OTF) program (<http://www.iaac.net/educational-programs/open-thesis-fabrication-6>) at IAAC Barcelona is a pilot extension program emerging from Fab Academy. OTF aims to support a fab lab applied research program, providing the means and infrastructure for the development of research projects in fab labs after students complete the initial Fab Academy course. Students continue their research interests in OTF, culminating in a thesis and a Fab Academy credential. For more information contact Fab Lab Barcelona @ IAAC: info@fablabbcn.org

This is an occasional newsletter on the activities of Fab Foundation, the fab lab network and its partners; to be added or removed from this list, or to submit items, please contact: Sherry.Lassiter@fabfoundation.org