



The  
**International Fab Lab Association**  
*The public window to the international Fab Lab community.*

## Newsletter - July 2012

This is the **July 2012 Newsletter** of the **International Fab Lab Association**. We will inform you about what is happening in our association and abroad and how you can participate. Feel free to forward it further!

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### From the board



*From left to right: Alex, Betty, Hiro, Lass, Pieter, Axel, Lindi, Peter*

In our board meeting via Skype on July 13th, we felt the **Fab8 event** coming closer including our second annual **General Members Meeting**. We are preparing a balanced view and proposals on how to proceed in serving the Fab Lab community. We really want to reflect the whole Fab Lab Community. Now is a good time to ask your friends and partners if they want to be member of the association!

As 1/3 of our board is replaced every year, we are **looking for two new board members**. Every member can candidate him/herself. You may also "suggest" other people you think would make good board members. We will contact them then. The election of the new board members takes place during Fab8; all members may vote electronically. Of course, we will inform you on all details timely.

Our next **board meeting** has been scheduled for August 6th. Immediately after the meeting, we will send you the formal invitation for our General Members Meeting. The 6th of August also is the deadline for our August Newsletter which will be published one week later.

#### **FABulous greetings!**

Alex, Axel, Betty, Hiro, Lass, Lindi, Peter, Pieter

## Picture of the month



What are you seeing, where on earth is this found and what is its relation with Fab Labs? The answer will be revealed in our next issue. (CC AT NC SA - kiwikeith)



The picture in the June 2012 issue of our Newsletter showed the 146 m high Fallturm Bremen, a drop tower at the Center of Applied Space Technology and Microgravity (<http://www.zarm.uni-bremen.de/>) at the University of Bremen (Germany). It has a 123-metre-high drop tube in which weightlessness can be produced (not for humans). Although Fab Lab Bremen (<http://www.fablabbremen.de/>) does not exist yet as "the physical container for machines and the workspaces for people and projects", most of its activities take place in the shadow of this tower.

## FAB8 New Zealand - Are you ready?

Sherry Lassiter published the second edition of a special Fab8 Newsletter (see <http://bit.ly/O5N1b4>). It is full of information on the 8th annual event of the Fab Lab community in Wellington (New Zealand) from 22-28 August 2012. It stresses the preparations you should start ASAP:

1. to obtain a visa (if required),
2. to write a pre-paper (deadline 5 August),
3. to prepare a presentation on your Fab Lab (special format required, please prepare in time),
4. to contribute to the exhibition,
5. to go for the Fab World Cup competition.

## Symposium on Digital Fabrication

The Fab8 contains a full day Symposium on Digital Fabrication (Monday, 27 of August, 2012). Here is latest draft of the program:

### Foundations

- Printing Functional Materials - Jennifer Lewis, University of Illinois (video), Analisa Russo, University of Illinois
- Bioprinting - Anthony Atala, Wake Forest (video), Robin Levin, Levin Strategic Consulting
- Living Foundries - Alicia Jackson, DARPA (video)

### Implementations

- Fabricating Fabricators - Vik Olliver, Diamond Age Solutions, Suz Olliver, Diamond Age Solutions
- Solar Sinter - Markus Kayser, MIT (video)
- Rapid-Prototyping and Security - Michael Hopmeier, Unconventional Concepts Inc., Benjamin Mako Hill, MIT, Harvard

### Applications

- Share What You Make -- Under the hood at Instructables , Eric Wilhelm, Instructables (video), Saul Griffith, Instructables (video), Bridget McKendry, pixelbrid
- Ponoko - David ten Have, Ponoko,
- Prototyping for Design and Construction - Andrew Maher, Arup, James Gardiner, EnExG Laing O'Rourke
- Fabrication For and In Space - John Hines, NASA (video), TBA, NASA

### Implications

- Blurring the Lines Between Physical and Fantastic - JP Lewis, Weta
- Innovation: Good, Bad, and Ugly - John Kao, Institute for Large Scale Innovation (video), TBA
- Technology and Refugees - Christopher Earney, UNHCR Innovation (video)
- Piri Sciascia, Victoria University, Pro Vice-Chancellor Māori

### General members meeting

During Fab8, also the second annual general members meeting of our association will take place. The first session has been scheduled in the afternoon of Friday 24th of August, voting procedures are completely online during the 25-26 of August weekend and we will have a short second session on Tuesday 28 of August to publish the results.

## FabFuse Grassroots Conference

FabFuse2012 is the first International Grassroots Fab Lab event. It will be held in Amersfoort, the Netherlands from 8 - 11 August 2012. FabFuse intends to start a body of knowledge and practices for setting up and running the \$10K style Fab Lab. Fab Fuse will report the results of their meeting at FAB8. The program of FabFuse (<http://www.fabfuse.org/en/program>) lists contributions like "How to start a Fab Lab in 7 days with 4 people and about €5000", open CAD solutions, various 3D printing technologies, Laos lasercutter enhancement, the Fab Academy, and a "Hall of shame" to share what went wrong and what we can learn from it! See also: [www.fabfuse.org](http://www.fabfuse.org); email: [info@fabfuse.org](mailto:info@fabfuse.org).

## Upcoming events

For the latest information, check our website at <http://www.fablabinternational.org/newsroom--2/upcoming-events>.

## 2012

- 5 August 2012: Deadline: Fab Research Prepapers for Fab8; <http://bit.ly/O5N1b4>; send to Peter Troxler: [trox@fabfolk.com](mailto:trox@fabfolk.com)
- 8-11 August 2012: Amersfoort, The Netherlands: International Grassroots Fab Lab event; <http://www.fabfuse.org>; [info@fabfuse.org](mailto:info@fabfuse.org)
- 16-19 August 2012: Boston, USA: Boston GreenFest; Boston City Plaza; with mobile Fab Lab; <http://www.bostongreenfest.org/technology.html>; Donalyn Stephenson: [donalyn@thetieproject.org](mailto:donalyn@thetieproject.org)
- 21 August 2012: Deadline: Fab Lab presentations for Fab8; special instructions, see <http://bit.ly/O5N1b4>; send to Sherry Lassiter [sherry.lassiter@fabfoundation.org](mailto:sherry.lassiter@fabfoundation.org)

- **22-28 August 2012: FAB8 International Conference: Wellington, New Zealand; Massey University, the Institute of Design for Industry and Environment at the College of Creative Arts;** <http://www.fab8nz.com>; Chris Jackson [fab8nz@gmail.com](mailto:fab8nz@gmail.com)
- 17-22 September 2012: Helsinki, Finland: OpenKnowledge Festival; <http://okfestival.org/call-for-proposals/>; special track on Open Design, Hardware, Manufacturing and Making
- 18-19 October 2012: Stanford (CA), USA: FabLearn 2012; 2nd digital fabrication in education conference; <http://tftl.stanford.edu/fablearn2012>; invitation-only, re-registration required via <http://bit.ly/Mf35ac>; [tftlaboratory@stanford.edu](mailto:tftlaboratory@stanford.edu)
- 18-21 October 2012: Toulouse, France: FabLab Toulouse Conference; <http://conference2012.fablab-toulouse.fr/>

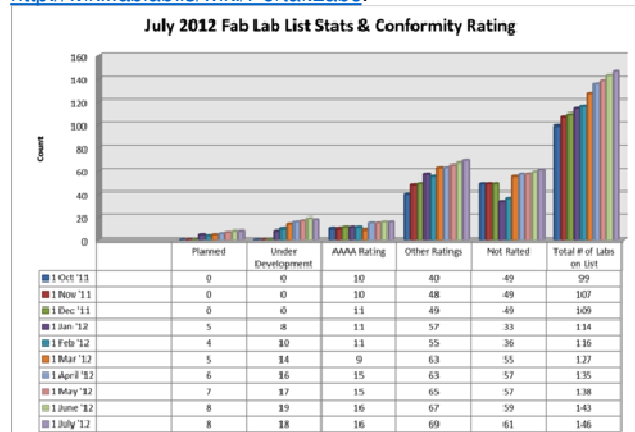
## 2013

- May 2013: eLearning Africa; Windhoek, Namibia; <http://www.elearning-africa.com>; Pan African conference on all aspects of ict for learning
- **August 2013: FAB9 International Conference; Kamakura, Japan;** <http://fablabjapan.org>; 田中浩也 (Hiroya Tanaka) [htanaka@sfc.keio.ac.jp](mailto:htanaka@sfc.keio.ac.jp)
- 7-10 December 2013: International conference on ICT and Development; Cape Town, South Africa; <http://ictd2012.org>; worldwide conference on developing issues / developing countries; evidence based research, best practices and South-South cooperation / exchange on ict and learning, ict and social-economic development

## Statistics

Our association has 152 members (individual persons). If you know people interested in becoming a member, let them fill in the form you find on <http://fablabinternational.org/fab-association/how-to-join>.

There are now 146 Fab Labs. Please, check your ratings at <http://wiki.fablab.is/wiki/Portal:Labs!>



Contact: *Lindi Mophuti.*

## Colophon

This Newsletter is sent to you on behalf of the Board of the International Fab Lab Association. Our central email address is [board@fablabinternational.org](mailto:board@fablabinternational.org); the address of our preliminary web site is <http://www.fablabinternational.org>.

Of course, you also can contact our board members directly:


- Chairperson, Pieter van der Hijden ([pvdh@sofos.nl](mailto:pvdh@sofos.nl)),
- External and Internal Relations, Axel Sylvester, Hiroya Tanaka ([axel\\_association@fablab-hamburg.org](mailto:axel_association@fablab-hamburg.org), [htanaka@sfc.keio.ac.jp](mailto:htanaka@sfc.keio.ac.jp)),
- Innovation (new products and services), Alex Schaub ([alex@waag.org](mailto:alex@waag.org)),
- Liaison CBA and FABn, Sherry Lassiter ([sherry.lassiter@cba.mit.edu](mailto:sherry.lassiter@cba.mit.edu)),
- Registrar (Fab Charter, Rite-de-passage, List), Lindi Mophuti, [lindi.mphuthi@gmail.com](mailto:lindi.mphuthi@gmail.com),
- Secretary, Peter Troxler ([trox@fabfolk.com](mailto:trox@fabfolk.com)),
- Treasurer, Betty Barrett ([bb1@illinois.edu](mailto:bb1@illinois.edu)).

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