



Fablearn Netherlands 2018: call for papers

FabLearn Netherlands invites submissions to the first FabLearn conference in the Netherlands to be held September 28, 2018, preceding Maker Faire Eindhoven September 29 and 30.

FabLearn Netherlands brings together national and international researchers, educators, designers, and makers to discuss and explore designing and making in educational contexts, digital fabrication in education, and hands-on learning for the 21st Century.

Some of the main guiding principles of the FabLearn community are the democratization of maker education, its implementation in public education systems, and a focus on constructionist learning. Submissions from a design and technology education perspective and from an arts education perspective are equally welcome.

FabLearn Netherlands is organised jointly by MakerEducation.nl, Waag, Rotterdam University of Applied Sciences and Maker Faire Eindhoven. It is a sister conference to the global FabLearn conference that has been held over the past five years at Stanford University, USA.

Submission Guidelines

We seek submissions of papers that focus on topics related to learning and technology within the area of making and digital fabrication. We welcome submissions from people from multiple sectors including teachers, practitioners, technologists, designers and academics.

The paper must identify and cite published work relevant to the paper topic. It should explain how the work builds on previous contributions and should indicate where and why novel approaches have been adopted. Papers should stress the importance of the submission to the digital fabrication/makers/hands-on learning communities.

Page limit: 8 pages

Template: Please use the ACM_SigChi template to submit your paper. It can be found within the 2017 ACM Master

Article Templates at <http://www.acm.org/publications/proceedings-template> (templates for LaTeX, Word for Windows and

Mac). All papers must be original and not simultaneously submitted to another journal or conference.

List of Topics

The four key areas of interest are:

- Maker mindset

What does a "maker mindset" encompass for teachers and students, and how do they develop that maker mindset? Guiding concepts: critical thinking and making; design thinking; self-efficacy; self-directed learning; translating effort to learning process; open and share.

- Maker skills

What are the skills conveyed by maker education, and how are those skills acquired? Guiding concepts: STEAM; computing; creative skills; communication and collaboration; craftsmanship; digital literacy and tinkering.

- Maker tools and technologies

What are the essential tools and technologies of maker education and how do they facilitate and extend learning by making? Guiding concepts: FabLabs, maker spaces and digital fabrication; robotics; electronics; material research; materiality.

- Facilitating learning by making

What are the pedagogical and didactical underpinnings of maker education and how are they put into practice? Guiding concepts: project-based education; problem-based education; constructionism; contextual learning environments; living labs.

Committees

Program Committee

- Peter Troxler, Rotterdam University of Applied Sciences, chair
- Remke Klapwijk, Delft University of Technology, Science, Education and Communication, co-chair
- Wouter van Joolingen, Utrecht University, Freudenthal Institute
- Monique Pijls, Amsterdam University of Applied Sciences

- Per-Ivar Kloen, De Populier, FabKlas & FabLearn fellow
- Tilde Bekker, TU Eindhoven
- Pierre Gorissen, HAN University of Applied Sciences

Organizing committee

- Karien Vermeulen, Waag
- Rene Pare, Eindhoven Maker Faire
- Alicja Żenczykowska on behalf of FabLearn

Publication FabLearnNL18 proceedings will be published in late 2018 on makereducation.nl and by Rotterdam University of Applied Sciences and Waag.

Venue The conference will be held September 28th in Klokgebouw, at Strijp-S in Eindhoven in close connection with the Eindhoven Maker Faire (29/30 September).

Conference website <http://www.makereducation.nl/>

Submission link <https://easychair.org/cfp/FabLearnNL18>

Submission deadline July 8th, 2018 Notification of acceptance July 31, 2018

Contact All questions about submissions should be emailed to fablearnnl18@easychair.org