



dusjagr labs

ideas research movies instruments

Dr. Marc Dusseiller

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Curriculum Vitae – Short Biography

Dr. Marc R. Dusseiller

EN

Dr. Marc R. Dusseiller is a transdisciplinary scholar, lecturer for micro- and nanotechnology, cultural facilitator and artist. He performs DIY (do-it-yourself) workshops in lo-fi electronics and synths, hardware hacking for citizen science and DIY microscopy. He was co-organizing Dock18, Room for MediaCultures, diy* festival (Zürich, Switzerland), KIBLIX 2011 (Maribor, Slovenia), workshops for artists, schools and children as the former president (2008-12) of the [Swiss Mechatronic Art Society, SGMK](#). He has worked as guest faculty and mentor at various schools, Srishti Institute of Art, Design and Technology (IN), UCSB (USA) and in Switzerland, FHNW, ZhdK, HEAD, HSLU, ETHZ. In collaboration with Kapelica Gallery, he has started the [BioTehna Lab](#) in Ljubljana (2012 - 2013), an open platform for interdisciplinary and artistic research on life sciences. Currently, he is developing means to perform bio- and nanotechnology research and dissemination, [Hackteria | Open Source Biological Art](#), in a DIY / DIWO fashion in kitchens, ateliers and in the Majority World. He is part of the [Center for Alternative Coconut Research](#) developing low-cost educational electronic hardware. He was the co-organizer of the different editions of HackteriaLab 2010 - 2017 Zürich, Romainmotier, Bangalore, Yogyakarta and Klöntal and collaborated on the organisation of the [BioFabbing Convergence](#), 2017, in Geneva and the [Gathering for Open Science Hardware, GOSH! 2016, Geneva & 2018, in Shenzhen](#).

Citizen of Switzerland, born on 4.11.1975



DE

Dr. Marc R. Dusseiller ist ein transdisziplinärer Forscher, freischaffender Dozent, Kulturveranstalter und Künstler. Durch eigenentwickelte DIY (do-it-yourself) Kurse führt er Themen ein wie zB. elektronische Synthesizer löten, Roboter programmieren, partizipative Bürgerwissenschaften und das Selberbauen von Mikroskopen. Mitaufgebaut und organisiert hat er das Dock18, Raum für Medienkulturen, diy* Festival, poolloop Festival, MechArtLab in Zürich, wie auch ein Workshop Programm für Künstler, Jugendliche und Kinder, in seiner Rolle als Präsident der [Schweizerischen Gesellschaft für Mechatronische Kunst](#) (2008-12). Als Gastdozent hat er an verschiedenen Hochschulen unterrichtet, Srishti Institute of Art, Design and Technology (Bangalore, IN), UCSB (California, USA) und regelmässig in der Schweiz, FHNW, ZhdK, HEAD, HSLU, ETHZ. In Zusammenarbeit mit Kapelica Gallery in Ljubljana (SI) hat er ein Biolabor aufgebaut (2012 - 2013), [BioTehna Lab](#), als Plattform für die künstlerische Auseinandersetzung mit den Lebenswissenschaften. Seit 2009 erarbeitet er Methoden für die Demokratisierung und Partizipation in Nano- und Biotechnologischer Forschung und öffentlicher Auseinandersetzung im Rahmen von [Hackteria | Open Source Biological Art](#), über DIY / DIWO (do-it-with-others) Workshops in Küchen, Studios oder Künstlerateliers auf der ganzen Welt. Er ist Gründer des [Center for Alternative Coconut Research](#), welches kostengünstige pädagogische Lehrmittel entwickelt. Er hat die Editionen des HackteriaLab 2010 – 2017 in Zürich, Romainmotier, Bangalore, Yogyakarta und Klöntal organisiert und mitgearbeitet und der Durchführung der [BioFabbing Convergence](#), 2017, in Genf, und [Gathering for Open Science Hardware, GOSH! 2016, in Genf & 2018, in Shenzhen \(CN\)](#).

Marc Dusseiller aka dusjagr – short

EN

Marc Dusseiller aka dusjagr is a nomadic researcher and workshopologist. He is part of the [Center for Alternative Coconut Research](#) and co-founder of [SGMK](#) and the global [Hackteria network](#). He has worked as guest faculty and mentor at various schools, Srishti Institute of Art, Design and Technology, Bangalore (IN), UCSB (USA) and in Switzerland, FHNW, HEAD, ETHZ. Before travelling the world for making DIY / DIWO laboratories for creative biological experimentation with living media, Marc entered the world of DIY electronics, designing printed circuit boards for synthesizers and organizing workshops and festivals mostly in Zürich, Taipei and Yogyakarta. He also loves coconuts.

DE

Marc Dusseiller aka dusjagr ist ein nomadischer Forscher und Workshopologe. Er ist aktiv im [Center for Alternative Coconut Research](#), langjähriges Vorstandsmitglied der [SGMK](#) und Mitgründer des globalen [Hackteria Netzwerks](#). Marc entwickelt Workshops im Bereich der Elektronik und Synthesizer, wie auch das Selberbauen von Laborgeräten, Umweltsensoren und den kreativen Umgang und Experimente mit Biologie/Leben als künstlerisches Medium. Er organisiert weltweit Gespräche, Ausstellungen und Festivals an der Schnittstelle von Wissenschaft, Kunst und Gesellschaft, unterrichtet als Dozent an verschiedenen Hochschulen und lebt hauptsächlich in Zürich und Merischausen, wie auch in Yogyakarta und Taipei.

online links:

Biography and Press: <https://www.hackteria.org/wiki/Dusjagr>



Main Projects

Hackteria | Open Source Biological Art (international network and webplatform, Reg. Society with seat in Zürich)

Hackteria is a webplatform and collection of Open Source Biological Art Projects instigated in February 2009 by Andy Gracie, Marc Dusseiller and Yashas Shetty, after collaboration during the Interactivos'09 Garage Science at Medialab Prado in Madrid. The aim of the project is to develop a rich wiki-based web resource for people interested in or developing projects that involve bioart, open source software/hardware, DIY biology, art/science collaborations and electronic experimentation. As a community platform hackteria tries to encourage the collaboration of scientists, hackers and artists to combine their expertise, write critical and theoretical reflections, share simple instructions to work with life science technologies, develop open source hardware for generic laboratory infrastructure and cooperate on the organization of workshops, temporary labs, hack-sprints and meetings. The hackteria project has been supported by: Sir Ratan Tata Trust, KulturRaum SH, Pro Helvetia, Migros Kulturprozent and more.



online links:

Hackteria | Open Source Biological Art <http://hackteria.org>
Hackteria Wiki <http://hackteria.org/wiki/>
Press / Media about Hackteria <http://hackteria.org/?cat=49c>

GOSH – Gathering for Open Science Hardware (global network and yearly conference)

The Gathering for Open Science Hardware (GOSH) is a diverse, global community working to enhance the sharing of open, scientific technologies. We first came together in March 2016 at CERN for the first Gathering, which was all about connecting people and sharing stories, creating coherent ideas about what open science hardware is, and dreaming about what it might be. One of the main outcomes was the GOSH Manifesto, a clear statement of our shared values and intention. The goal of GOSH includes concrete outcomes for individual participants, like sharing experiences as users and developers of open science hardware, identifying best practices, collaborating to create opportunities and address failures, and building lasting friendships. The ability to use, study, replicate, and improve scientific instrumentation is a central part of experimental science, and plays a crucial role in public life, research, and action. However, these activities are currently restricted by proprietary instrumentation, which is difficult and expensive to obtain and maintain, since they cannot be fully inspected, evaluated, or customized. This situation is fundamentally detrimental to the production of knowledge and its potential for creating equitable and sustainable solutions. The Open Science Hardware (OSCH) community therefore seeks to bring together developers and users of scientific tools and research infrastructures to support the pursuit and growth of knowledge through global access to hardware for science.

online links:

Gathering for Open Science Hardware <http://openhardware.science/>
GOSH Roadmap <http://openhardware.science/global-open-science-hardware-roadmap/>

Swiss Mechatronic Art Society

Schweizerische Gesellschaft für Mechatronische Kunst, SGMK (Reg. Society with seat in Zürich)

The Swiss Mechatronic Art Society (SGMK, established in 2006) is a collective of engineers, hackers, scientists and artists that joined to collaborate and promote on creative and critical uses of technology. They develop DIY technologies, collaborate with social and educational institutions, run the diy* festival and the public „MechArt Lab“ in Zurich, and organize workshops in electronics, robotics, physical computing, diy-biology, lofi-music. SGMK has been supported by Bundesamt für Kultur, Migros Kulturprozent, Stadt Zürich and more.

online links:

SGMK - Swiss Mechatronic Art Society <http://www.mechatronicart.ch>

Center for Alternative Coconut Research (Reg. Sole proprietorship company with seat in Zürich)

Funded in 2011 in Goa, India, with the aim to foster a critical discussion about appropriate technology for education and the use and sharing of traditional knowledge in manufacturing in the Majority World. We have initiated several projects with a team of international hardware developers, educators and designers to tackle the issue of affordable and appropriate educational tools for digital interactivity, such as the BabyGnusbuino, an arduino-compatible educational platform that can be locally produced for approximately 2€ or very recently the CocoMake7.

online links:

CocoMake7 <https://cocomake7.github.io/>
8Bit Mixtape <http://8bitmixtape.cc/>