dusjagr labs

ideas research movies instruments

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Curriculum Vitae – Short Biography

Dr. Marc R. Dusseiller   Citizen of Switzerland, born on 4.11.1975

Dr. Marc R. Dusseiller is a transdisciplinary scholar, lecturer for micro- and nanotechnology, cultural facilitator and artist. He works in an integral way to combine science, art and education. 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), poolloop festival 2009-15 and workshops for artists, hackers, 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 school, Srishti Institute of Art, Design and Technology, Bangalore (IN), UCSB (USA) and in Switzerland, FHNW, HEAD, 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 fashion in kitchens, ateliers and in the Majority World. He was the co-organizer of the different editions of HackteriaLab 2010 - 2014 Zürich, Romainmotier, Bangalore and Yogyakarta.

Marc Dusseiller aka dusjagr – short

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 Hackteria network. 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. He also loves coconuts.

online links:
Marc Dusseiller aka dusjagr   http://me.dusjagr.guru

Short Biography
'09 - now	Co-founder of Hackteria	Open Source Biological Art and Co-Organizer of HackteriaLabs 2010 - 2014, International
'15	Guest faculty & researcher at the (Art)ScienceBLR, Srishti School for Art, Design and Technology, Bangalore, India
'12 - '13	Co-Initiator and scientific program director of BioTehna Lab, with Kapelica Gallery, Ljubljana, Slovenia
'07 - now	Organization of festivals and workshops for the Swiss Mechatronic Art Society (SGMK), Switzerland
'08 - now	Lecturer for traditional materials in sculpting and hands-on lab courses at ETH Zürich, Switzerland
'08 - '12	Lecturer for Micro- and Nanosystems for Life Sciences at FHNW, School for Life Sciences, Switzerland
'06	Doctor of Sciences "Micro- and Nanoengineering the 3D Environment of Cells in Culture", ETH Zürich, Switzerland
'01	Diploma in Material Science and Engineering, ETH Zürich, Switzerland

Awards
'15	Award „Werkbeitrag der Migros Kulturprozent" for CocoMake7 - Center for Alternative Coconut Research
'12	Nomination for award „Zedler-Preis 2012 für Freies Wissen" for "Hackteria, Open Source Biological Art"
'11	Award „Förderbeitrag durch KulturRaum Schaffhausen 2011 for HackteriaLab2011, KIBLIX2011 and more
'09	Award „Werkbeitrag der Migros Kulturprozent" for "Hackteria, Open Source Biological Art"
'09	Award for "Hackteria, Open Source Biological Art" by Bundesamt für Kultur, Projekt Sitemapping
'08	Award for the best poster presentation at NanoTech 2008
'08	2nd Prize for "Hase Znacht" at agent-provocteur's contest in january 2008, a 30 sec stop-motion movie
'07	1st Prize for "Duell", a 10 sec pixelanimation @ www.5-10-20.ch Shortest Silent Movie Competition
'05	Travel Award from the 2005 ASCB Summer Meeting on Engineering Cell Biology - The Cell in Context, Seattle, USA
'03	"Lab on a Chip Award" for best poster presentation at NanoTech 2003

Selected Work
'16	Mentor at Interactivos?16 „Possible Worlds", MediaLab Prado, Madrid, Spain
'16	Presentation of Coconuts and Consulting on „How (not) to start a Fablab" at FABelgrade, Belgrade, Serbia
'16	Workshop and presentation „We have always been BioHackers" with MAKE Munich, Munich, Germany
'16	Workshop 8Bit MixTape in MonoShop (Berlin), Dymax.io (Zurich), HeK (Basel) and MadLab (Manchester), UK
'16	Co-Curator with Boris Magrini of The Hydra Project @ Corner College, Zurich and Sonnenstube, Lugano, Switzerland
'16	Co-Organizer of Gathering for Open Science Hardware, CERN, Geneva, Switzerland
'16	Guest researcher and mentor California Nano Sonification Xperience, Systemics Lab, UCSB, California, USA
'16	Workshop „BioHacking meets Citizen Science", Science et Cité, Bern, Switzerland
'15	Science education workshops with dimension+ @ NTSEC, Taipei, Taiwan
'15	Workshop / Bootcamp „Open Science Hardware for Development", HONFablab, Yogyakarta, Indonesia
'15	Mentor at pifCamp „Lab-in-the-Wild", with Ljudmila, Slovenia
'15	Collaboration on BioAutonomy Lab and development of DIY Gynecology tools, Hangar, Barcelona, Spain
'15	Facilitator of diploma projects on „Extreme Places and Extended Senses" at Srishti, Bangalore, India
'14	Organizer and active Mentor of PiksteriaLab 2014 – Bergen, as part of PIKSEL14 - be\O/art, Bergen, Norway
'14	Co-Organizer of Läb(e) am Egge in collaboration with Baggenstos & Rudolf and Corner College, Zürich, Switzerland
'14	Workshop „DIY von Laborgeräten in der Bioanalytik", in partnership with SATW, Muttenz, Switzerland
'14	Workshop with Andy Gracie Artistic Instruments for Submarine Exploration @ Arte y Ciencia en el Mar, Gijon, Spain
'14	Workshop with Dominik Mahnič Mestna jaga: Helsinki Rabbit Hunts, @ foodycle festival, Helsinki, Finland
'14	Initiator of RandeLab, an artist-in-residence program for forest, nature and eco-hacking, Mersihausen, Switzerland

'14	Co-organisation of #HSC lecture series, Hackteria Swiss Curriculum @ Corner College, Zürich, Switzerland
'14	Co-organisation of Hackteria: Biologische Kunst – Wissenschaft, Natur und Biohacking, Schaffhausen, Switzerland
'14	Co-director of HackteriaLab 2014 – Yogyakarta, and various workshops across Java, Indonesia
'13	NanoHacking workshop for high-school and art students, Biofilia, Aalto University, Helsinki, Finland
'13	Hackteria DIY-Biohacking: Agar is the Media @ CynetART Festival, Dresden Germany
'13	Hackteria BioHacking Lab at Share Cyberpunk Academy, REPUBLIKA Festival, Rijeka, Croatia
'13	Co-organization of poolloop Festival and Hackteria Field-trip, Starkart Gallery, Zürich, Switzerland
'13	Organization of MobileLabs Hackathon, BioTehna, Kapelica Gallery, Ljubljana, Slovenia
'13	Workshops and presentation during LabEasy with MadLab, Arts Catalyst, London, UK
'13	Co-organization of HackteriaLab 2013 – Bangalore, Bangalore, India
'13	Residency and workshops at Lifepatch - citizen initiative in art, science and technology, Yogyakarta, Indonesia
'12	Co-organization with Denisa Kera of Nomadic Science Lab during Mutamorphosis 2012, Prague, Czech Republik
'12 - '13	Initiation, lab setup and various workshops at BioTehna Lab with Kapelica Gallery, Ljubljana, Slovenia
'12	Public art-and-science lab „NanoŠmano – LifeSystems / ŽiviSistemi", Kapelica Gallery, Ljubljana, Slovenia
'12	Hackerspace tour with Urs Gaudenz and workshops at Machine Project and BioCurious, California, USA
'12	Mentor at Sci-Art Nanolab, UCLA, CNSI and Art/Sci center, Los Angeles, USA
'12	Workshops and presentation at 1st Annual Hands-On Workshop in POC Diagnostics, Nairobi, Kenya
'12	Invited speaker at SHARE conference, Beograd, Serbia
'12	Workshop with Keith Lam „X-Spirituaal Sound Hacks" at dimension+ lab, Hongkong, China
'11 - '12	Residencies at the Center for Everything, Bangalore, India and HONF, Yogyakarta, Indonesia
'11	Workshop and performance with ISRO and anyma for EXPERIMENTA! 2011, Bangalore, India
'11	Co-curator of International Festival KIBLIX 2011 „Share is in the Air", Maribor, Slovenia
'11	Keynote presentation about Hackteria at the First UK DIYbio Summit, MadLab, Manchester, UK
'11	Co-organization of workshops „Hackteria & SGMK BioCyberKidzz", CYW, Ars Electronica 2011, Linz, Austria
'11	Co-organization of HackteriaLab 2011	Romainmôtier/Zürich, Switzerland
'11	Research based Exhibition „NanoŠmano – Šmall Matter", Kapelica Gallery, Ljubljana, Slovenia
'11	Hackteria workshops at Pixelache 2011, (Finland), MechartLab (Switzerland) and I'MM hackerspace (Croatia)
'10	Research based Exhibition with Stefan Doepner: „NanoŠmano", Kapelica Gallery, Ljubljana, Slovenia
'10	Hackteria BioElectronix workshop and SGMK diy makeaway at ISEA2010, Dortmund, Germany
'10	Workshop for Teachers DIY Microscopes, Technorama, Winterthur, Switzerland
'10	Workshop SlowGames, in collaboration with René Bauer, Bachelor in Game Design, ZHdK, Switzerland
'10	Organisation of the first Hackteria Lab, Dock18, Zürich, Switzerland
'09 & '10	Playaround Workshop in collaboration with dimension+ and NTUA, Taipei, Taiwan
'09	Foundation of Hackteria	Open Source Biological Art and Bio-Art workshops at Piksel09, videotage and others
'09 & '10	DIY and Bio-Art Workshops during cellsbutton#03, Gadjah Mada University, Yogyakarta, Indonesia
'09	Bio-Art Workshops at CEMA, Srishti School for Art, Design and Technology, Bangalore, India
'09 - '15	Co-organization and workshops for the poolloop Festival, '09, '11, '13, '15, Zurich, Switzerland
'09	Collaboration on the installation Garage Astrobiology @ Interactivos?09, Medialab Prado, Madrid, Spain
'08	Workshop at playaround (Taiwan) organized by microplayground, in collaboration with NCTU and ITRI, Taiwan
'08	Cooperation on interactive media sculpture "The Electric Retina" with Prof. Jill Scott, Zürich, Switzerland
'07 & '08	Coordinator of diy* festival, Zurich, Switzerland

Further documents online:

Press links dusjagr labs (personal website)	http://www.dusseiller.ch/labs/?page_id=92
Complete Curriculum Vitae (scientific)	http://www.dusseiller.ch/cv/CV_dusseiller_main_2007.pdf
Selected presentations and talks	http://www.slideshare.net/dusjagr/
Youtube	http://youtube.com/user/dusjagr
Vimeo channel	https://vimeo.com/dusjagr
Facebook	https://www.facebook.com/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 experitise, write critical and theoretical reflections, share simple instructions to work with lifescience 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

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

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://github.com/CocoMake

BioTehna | open platform for interdisciplinary and artistic research on life sciences, Ljubljana, Slovenia

BioTehna is an open platform for interdisciplinary and artistic research on life sciences and a series of public workshops, each mentored by expert/s in a specific scientific field. The BioTehna Lab is an open community bio-lab, where we ignite curiosity, experiment and explore interesting connections between nature and technology. Here, artists and scientists creatively combine living systems with innovative engineering solutions and in this way encourage reflection and awareness of the world in which we live in and how we think about the future. The initiative started as a collaboration of hackteria | Open Source Biological Art and Kapelica Gallery. The BioTehna platform has been supported through the KiiCS project by the European Commission / 7th Framework Programme and the Swiss Contribution to the enlarged European Union.

online links:
BioTehna   http://hackteria.org/?p=2423
Kapelica Gallery   http://www.kapelica.org/