



# CURRICULUM VITAE

Tomi Dufva

born 1977



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## Education

(selected)

### DOCTOR OF ARTS, 2018

Aalto-University, the school of Arts, Design and Architecture, Helsinki. Thesis: *Art education in the post-digital era - Experiential construction of knowledge through creative coding*. Aalto University publication series DOCTORAL DISSERTATIONS, 72/2018

### MASTER OF ARTS, 2013

Aalto-University, the school of Arts, Design and Architecture Helsinki. Thesis: *Code literacy. -Reading the programmed world*

### MASTER OF ARTS, 2006

Konsthøgskole i Bergen, Norja Department of fine art. Master thesis: *Painting as a language*.

### VISUAL ARTIST (AMK), 2004

Turun Polytechnic, Art Academy, Turku.

### PHILOSOPHY, 1998

Snellman-College, Helsinki.

### HIGH-SCHOOL GRADUATE, 1996

Tampereen yhteiskoulun lukio. Tampere.

## Work

(selected)

### UNIVERSITY LECTURER, AALTO-UNIVERSITY, THE SCHOOL OF ARTS, DESIGN AND ARCHITECTURE 2018-

Working as University lecturer at the department of art, focusing on emerging fields within art education.

### DOCTORAL CANDIDATE, AALTO-UNIVERSITY, THE SCHOOL OF ARTS, DESIGN AND ARCHITECTURE -2017

Working as a doctoral researcher on my dissertation and on the "Does the Suomi 100 Satellite Think Finland is Beautiful?"-project.

### FOUNDER, TEACHER, ART & CRAFT SCHOOL ROBOTTI, 2011-

Art & craft school Robotti is an art school that combines art, science and technology together. School's aim is to give tools to operate in both digital and analog environments.

### TECHNICIAN, ACADEMY OF FINE ARTS, HELSINKI, 2017

Developing and constructing the art and technology-studies for artists.

### TEACHER, UNIVERSITY OF HELSINKI, UNIVERSITY OF TAMPERE, UNIVERSITY OF TURKU, 2014-2018

I have taught a broad variety of digital technology related courses ranging from creative coding to wearable electronics to university students and teachers

### TEACHER, AALTO-UNIVERSITY, THE SCHOOL OF ARTS, DESIGN AND ARCHITECTURE, 2017-2018

Teaching media pedagogy and media arts courses in the department of art education.

### TEACHER, MUU RY, MEDIA BASE, 2007-2011

Artist's association Muu represents new media and other artists in Finland. I worked in their media base teaching courses from interactive art to sound art.

### TRAINER, ILONA-IT, 2011-2013

Ilona it is an IT-business with firm focus on ICT in education. My role was to design courses and train teachers in ICT, especially in mobile platforms, 3D-printing, programming and robotics.

## Language skills

ENGLISH	Excellent
SWEDISH	Excellent
NORWEGIAN	Adequate
FRENCH	Adequate

## Solo Exhibitions

(selected)

<b>PÄÄN TAKAA</b> , GALLERY Å, TURKU,	2012
<b>"KUU, AURINKO, AIKA JA MUNKKIRINKILÄ"</b> , TM-GALLERY, HELSINKI	2007
<b>"INHIMILLINEN JÄLKI"</b> , GALLERY HUUTO, HELSINKI	2006

## Group Exhibitions

(selected)

<b>THE 97TH ANNUAL EXHIBITION OF TURKU ARTISTS' ASSOCIATION</b> , KUNSTHALLE TURKU.	2021
<b>HALTUUNOTTO</b> , MEDIA ART GROUP KRUKS, GALLERY SCULPTOR, HELSINKI	2018
<b>GLITCH ART</b> , KUNTSI MUSEUM OF MODERN ART, VAASA	2018
<b>CONVERSATIONS WITH THE MACHINE, WITH M.VAINIO TM-GALLERY, HELSINKI</b>	2017
<b>HOW MANY DOTS... WITH H. AHO &amp; M.VAINIO GALLERY B, TURKU</b>	2017
<b>WE DON'T TALK ABOUT THIS</b> , GROUP EXHIBITION, GALLERY RANKKA, HELSINKI	2016
<b>LÄSNÄ</b> , GROUP EXHIBITION, HAIHARA ART CENTER, TAMPERE	2016
<b>PIIRRÄ NYT! /DRAW NOW, LAHTI ART MUSEUM, ROVANIEMI ART MUSEUM</b>	2016
<b>"ILLUMINATED LAKES"</b> , LIVE HERRING, SAARIJÄRVI,	2011
<b>"NEW PAINTING"</b> , GROUP EXHIBITION, LAHTI ART MUSEUM,	2008

## Grants, Stipends

(selected)

JENNY AND ANTTI WIHURI FOUNDATION,  
FINNISH CULTURAL FOUNDATION  
FINNISH ART SOCIETY, GRANT FOR YOUNG ARTISTS  
YOUNG ARTISTS SPECIAL PRICE, ART CENTER SALMELA  
BILDENDE KUNSTNERS HJELPEFOND, STIPEND, NORWAY

## Memberships, etc.

TAIDEMAALARILIITTO (FINNISH PAINTERS UNION)  
OAJ (TRADE UNION OF EDUCATION)  
KUVATAIDEOPETTAJIEN YHDISTYS (ASSOCIATION OF ART EDUCATORS)  
TURUN TAITEILIJASEURA (ARTISTS ASSOCIATION OF TURKU)  
SUOMEN TAIDEKASVATUKSEN TUTKIMUSSEURA (FINNISH ART EDUCATIONS RESEARCH SOCIETY)  
ACADEMIC COMMITTEE FOR ARTS, DESIGN AND ARCHITECTURE

## Talks, etc

(selected)

**TULEVAISUUDEN VISIOINTIA, DIGITAALISEN MURROKSEN JA TAIDEOPETUKSEN NÄKÖKULMASTA**  
(Envisioning futures, from the perspective of digital transformant and art education) Webinar arranged by Finnish Association of Art Schools, 2021

### DIGITAL FUTURES IN POSTNORMAL TIMES

Nordic Art Education in Motion: Digital Competences and Computational Thinking: Preparing Children, Young People and Adults for a Digitalized Society, 2020

### NATIONAL ARTIFICIAL INTELLIGENCE PROGRAMME AURORA AI

Consulting on the development of National Artificial Intelligence Programme Aurora AI, 2020

### THE DIARY OF A POKEMON WHISPERER

Luo Uus-seminar, Association of art educators Finland, 2020

### FUTURE CRAFT EDUCATION AND DIGITALITY IN EARLY CHILDHOOD EDUCATION

Craft education seminar organised by University of Turku, 2020

### BIASED DIGITALITY, EXPERIENTIAL DIGITALITY

Avant-Garde, Science and Technology-seminar, Helsinki, 2019

### POSTDIGITAL & GRASPING THE POSTDIGITAL

Workshop for University of the Arts, Helsinki, 2019

### AI IN CULTURE AND AND ART

Presentation for Finnish ministry's culture and cultural politic departments.

### METAPHORS OF CODE

The association of math teachers workshop, Helsinki, 2017

# Conference- presentations

(selected)

## ENTANGLEMENTS IN AI ART

DEL 2021: Embracing uncertainty, on-line 2021 & NAEA Research Preconvention, New York, USA, 2022

## HOW TO EDUCATE KIDS AND YOUNGSTERS TO VALUE ART AND SCIENCE AS EQUALS: PEDAGOGY IN PRACTICE

Future Technologies Conference, San Francisco, USA, 2019

## IN THE MIDDLE OF ZERO AND ONE: GRASPING OUR POST-DIGITAL WORLD.

Innovations in STEAM Education and Design Research Conference, Linz, Austria, 2019

## IT'S YOUR DATA , BUT MY ALGORITHMS

Digital humanities in Nordic Countries (DHN), Helsinki, Finland 2018

## GRASPING THE FUTURE OF THE DIGITAL SOCIETY

Futures of a Complex World-conference, Turku, Suomi, & Nordic Research Conference: e17 Umeå, Sweden 2017

## MAKER MOVEMENT: CREATING KNOWLEDGE THROUGH BASIC INTENTION"

In this place- Cumulus 2016-confence, Nottingham, Great Britain, 2016

## CREATIVE CODING AS COMPOST(ING).

2021 In: Tavin, K., Kolb, G., Tervo, J. (eds) Post-Digital, Post-Internet Art and Education. Palgrave Studies in Educational Futures. Palgrave Macmillan, Cham. [https://doi.org/10.1007/978-3-030-73770-2\\_16t](https://doi.org/10.1007/978-3-030-73770-2_16t)

## SÄHKÖÄ JA ALKEMIAA: TEKOÄLYDISKURSSIT YLEISRADION VERKKOARTIKKELEISSA

Slotte Dufva, T., & Mertala, P. 2021. Media & Viestintä, 44(1), 95–115. <https://doi.org/10.23983/mv.107302>

## THE ITCHING BACK OF A CYBORG: GRASPING AI SYSTEMS.

Slotte Dufva, T. & Dufva, M. 2020. Research in Art Education. 1/2020, pp.18-16.

## HOW TO EDUCATE KIDS AND YOUNGSTERS TO VALUE ART AND SCIENCE AS EQUALS: PEDAGOGY IN PRACTICE

Ljokkoi, K. & Slotte Dufva, T., 2020, Art as We Don't Know It. Berger, E., Mäki-Reinikka, K., O'Reilly, K. & Sederholm, H. (eds.). Espoo: Aalto ARTS Books, p. 194-207 14 p.

## ART EDUCATION IN THE POST-DIGITAL ERA - EXPERIENTIAL CONSTRUCTION OF KNOWLEDGE THROUGH CREATIVE CODING

Aalto University publication series DOCTORAL DISSERTATIONS, 72/2018 <https://aaltodoc.aalto.fi/handle/123456789/31304>

## GRASPING THE FUTURE OF THE DIGITAL SOCIETY.

Difva, T. & Dufva, M. Futures, The journal of policy, planning and futures studies, 107, 17-28.

## ONKO ROBOTILLAKIN TUNTEET? (DOES ROBOTS HAVE FEELINGS?)

Article for media exercises for early childhood education, Mannerheim League for Child Welfare, 2018

## MAKER MOVEMENT -CREATING KNOWLEDGE THROUGH BASIC INTENTION.

Peer-reviewed article, Techne Series – Research in Sloyd Education and Craft Science, 24 (2), 129-141..

## HANDLING DIGITALITY IN ART EDUCATION

Dufva, T. & Fritzsche, M. Experimenting FADS: Finnish Art-Education Doctoral Studies, An innovative network for PhDs. Tavin, K. & Hiltunen, M. (eds.). Helsinki: Aalto ARTS Books, p. 120-127 (Aalto University publication series, Arts + Design + Architecture; edition 2017, nro 5)

## DIGITAALISUUDEN YKKÖSET JA NOLLAT

Web publiciaton in Finnish National Agency for Education website: [http://www.edu.fi/perusopetus/kuvataide/ops2016\\_tukimateriaalit/digitaalisuuden\\_ykkoset\\_%20ja\\_nollat](http://www.edu.fi/perusopetus/kuvataide/ops2016_tukimateriaalit/digitaalisuuden_ykkoset_%20ja_nollat) , 2017

## KÄSIN KOSKETELTAVA DIGITAALISUUS. (GRASPABLE DIGITALITY)

Article, Tomi Dufva & Mikko Dufva, Futura-journal, 3/2016

## METAPHORS OF CODE: STRUCTURING AND BROADENING THE DISCUSSION ON TEACHING KIDS TO CODE.

Peer-reviewed article,, Thinking Skills and Creativity. Auth. Tomi Dufva & Mikko Dufva, 11.10.2016 DOI: 10.1016/j.tsc.2016.09.004

# Publications

(selected)