

Tomi Slotte Dufva
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Artistic and research interests

Tomi Slotte Dufva (Doctor of Art) is a senior university lecturer at Aalto University, School of Arts, Design, and Architecture, specialising in emerging practices within art education. Slotte Dufva also works as an artist focusing primarily on the intersections between art, technology and science. He has taught new media, interactive art and programming from primary schools to universities. He co-founded the art & craft school Robotti, which combines art, science and technology education. Slotte Dufva's research revolves around post-digital art education, embodied digitality, art and tech, art and science studies, code literacy, media literacy, critical pedagogy, digital feminism, and societal, philosophical and cultural issues in AI research.

Qualifications

Doctoral degree, Arts and Design, Aalto University
Award Date: 27 May 2018

Master's degree, Arts and Design, Aalto University
Award Date: 31 May 2013

Master's degree, Arts and Design, Bergen National Academy of the Arts
Award Date: 31 May 2006

Bachelor's degree, Arts and Design, Turku University of Applied Sciences
Award Date: 31 May 2004

9 Jan 2013 → 18 May 2018 Doctor of Art, Aalto-University, the school of Arts, Design and Architecture

1 Aug 2004 → 31 May 2006 Master of Arts, Bergen Academy of Arts and Design, Norway, MA

Employment

Senior University Lecturer

Senior University Lecturer
Department of Art and Media
Aalto University
1 Jul 2023 → present

Research outputs

Grasping AI Entanglements: Digital Feminism and Generative AI

Slotte Dufva, T., 22 Oct 2024, *Humane Autonomous Technology: Re-thinking Experience with and in Intelligent Systems*. Rousi, R., von Koskull, C. & Roto, V. (eds.). Palgrave Macmillan, p. 249-273

With the Thing

Ylirisku, H. & Slotte Dufva, T., 23 Aug 2024

Editorial: Arts Education in a More-Than-Human World

Ylirisku, H., Slotte Dufva, T. & Snellman, M., 19 Jun 2024, In: *Research in Arts and Education*. 2024, 2, p. 1-12 12 p.

Keittiön kautta pedagogisen vuorovaikutuksen pelillisyyteen

Brygger, M., Humalisto, T. & Slotte Dufva, T., 2024, *Jäljen jälkeen: kehittyvä taideopetus ja opettajankoulutus*. Pekkilä, S., Brygger, M., Kairavuori, S. & Sula, M. (eds.). Taideyliopisto, p. 69-89 20 p.

Sattuma

Slotte Dufva, T., Brygger, M., Humalisto, T. & Martins Pinto, T. (Designer), 2024

"You really are a thing!": Queering relations with the more-than-human world

Ylirisku, H. & Slotte Dufva, T., Dec 2023, *Crafting relationships with nature through creative practices*. Fredriksen, B. C. & Haukeland, P. I. (eds.). Universitetsforlaget AS, p. 176-194 19 p.

Vieraskynä: Vastuuta ja kriittisyyttä tekoälykeskusteluun, kiitos!

Slotte Dufva, T., 24 Apr 2023, National Audiovisual Institute (KAVI).

Entanglements in AI Art

Slotte Dufva, T., 2023, *Global Media Arts Education*. Knochel, A. D. & Sahara, O. (eds.). Cham, Switzerland: Palgrave Macmillan, p. 181-196 16 p. (Palgrave Studies in Educational Futures).

Erinomaisen jouheva. Kuvataidekasvatuksen sanakirja

Haapalainen, R., Pusa, T., Rastas, M., Sederholm, H., Slotte Dufva, T., Suoniemi, M., Tuovinen, T. & Ylirisku, H., 9 Dec 2021, Espoo: Aalto ARTS Books. (Aalto-yliopiston julkaisusarja TAIDE + MUOTOILU + ARKKITEHTUURI ; vol. 2021, no. 4)

Turun Taiteilijaseuran 97. vuosinäyttely

Slotte Dufva, T., 12 Nov 2021

Creative Coding as Compost(ing)

Slotte Dufva, T., 29 Jun 2021, *Post-Digital, Post-Internet Art and Education*. Tavin, K., Kolb, G. & Tervo, J. (eds.). Palgrave Macmillan, p. 269-283 15 p.

Sähköä ja alkemiaa: Tekoälydiskurssit Yleisradion verkkoartikkeleissa

Slotte Dufva, T. & Mertala, P., 29 Mar 2021, In: MEDIA JA VIESTINTÄ. 44, 1, p. 95-115

Grasping the tensions affecting the futures of internet

Dufva, M., Ikkäheimo, H. P. & Dufva, T. S., 1 Jun 2020, In: Journal of Futures Studies: epistemology, methods, applied and alternative futures. 24, 4, p. 51-60 10 p.

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.

The itching back of a cyborg: Grasping AI systems

Dufva, M. & Slotte Dufva, T., 2020, In: Research in Arts and Education. 2020, 1, p. 18-36

Feministinen ohjelmointikieli

Slotte Dufva, T., Dec 2019, *Avantgarde, tiede ja teknologia*. Sederholm, H. & Hautamäki, I. (eds.). Helsinki: Suomen avantgarden ja modernismin seura ry , p. 44-49 6 p.

Imaginary birds

Slotte Dufva, T. & Slotte Dufva, J., Oct 2019

Visualized Words

Slotte Dufva, T. & Dufva, M., Feb 2019, In: Nokturno.fi. 2019, 1

Grasping the future of the digital society

Dufva, T. & Dufva, M., 2019, In: Futures. 107, p. 17-28 12 p.

Digitaalisuus ja ohjelmointi kuvataiteellisessa toiminassa ja visuaalisessa kulttuurissa

Dufva, T., 2 Nov 2018, *Mun kuvista kulttuuriin: Kuvataidetta esi- ja alkuopetukseen*. Rusanen, S., Rintakorpi, K., Kuusela, M. & Torkki, K. (eds.). 1 ed. Lasten keskus

Glitch Art

Dufva, T., 22 Sept 2018

Haltuunotto

Dufva, T., 25 May 2018

Art education in the post-digital era: Experiential construction of knowledge through creative coding

Dufva, T., 2018, Aalto University. 146 p.

Creative Coding at the arts and crafts school Robotti (Käsityökoulu Robotti)

Dufva, T., 2018, *Digital Humanities in the Nordic Countries 3rd Conference: Proceedings of the Digital Humanities in the Nordic Countries 3rd Conference, Helsinki, Finland, March 7-9, 2018*. Mäkelä, E., Tolonen, M. & Tuominen, J. (eds.). CEUR, Vol. 2084. p. 263-278 16 p. (CEUR-WS.org; vol. 2084).

Digitaalisuus ja ohjelmointi kuvataiteellisessa toiminnassa ja visuaalisessa kulttuurissa

Slotte Dufva, T., 2018, *Mun kuvista kulttuuriin: Kuvataidetta esi- ja alkuopetukseen*. Rintakorpi, K., Rusanen, S., Kuusela, M. & Torkki, K. (eds.). Helsinki: Lasten keskus, p. 142-156 15 p.

Lectio Precursoria: Art Education In the Post-Digital Era

Slotte Dufva, T., 2018, In: SYNNYT/ORIGINS. 2018, 1, p. 47-55 9 p.

Maker Movement: creating knowledge through basic intention

Dufva, T., Dec 2017, In: *Techne Series: Research in Sloyd Education and Crafts Science*. 24, 2, p. 129–141 12 p.

Digitality as a Phenomenon

Dufva, T., Nov 2017, *Experimenting FADS: Finnish Art-Education Doctoral Studies, An innovative network for PhDs*. Tavin, K. & Hiltunen, M. (eds.). Helsinki: Aalto ARTS Books, p. 148-151 4 p. 16. (Aalto University publication series, Arts + Design + Architecture; vol. 2017, no. 5).

Handling Digitality in Art Education

Dufva, T. & Fritzsche, M., Nov 2017, *Experimenting FADS: Finnish Art-Education Doctoral Studies, An innovative network for PhDs*. Tavin, K. & Hiltunen, M. (eds.). Helsinki: Aalto ARTS Books, p. 120-127 8 p. 12. (Aalto University publication series, Arts + Design + Architecture; vol. 2017, no. 5).

A human and a robot drawing

Dufva, T. & Vainio, M. (Performer), 15 Jun 2017

How Many Dots Does It Take

Dufva, T., Vainio, M. & Aho, H., 24 Jan 2017

Keskusteluja koneen kanssa /Diskussioner med maskinen

Dufva, T. & Vainio, M., 11 Jan 2017

Maker Movement: Creating knowledge through basic intention

Dufva, T., 21 Nov 2016, *Cumulus Association Biannual International Conference, Conference Proceedings*. Nottingham Trent University, p. 108-113 6 p.

Piirrä nyt! Nykypiiirustuksen monet kasvot

Dufva, T., 9 Oct 2016

Metaphors of code: structuring and broadening the discussion on teaching kids to code

Dufva, T. & Dufva, M., 19 Sept 2016, In: THINKING SKILLS AND CREATIVITY. 22, p. 97–110 13 p.

Käsin kosketeltava digitaalisuus

Dufva, T. & Dufva, M., 2016, In: Futura. 35, 3, p. 44-49 6 p.

Ohjelmoitua taidetta

Dufva, T., 2012, In: Stylus Taidekasvatuslehti.

Activities

Esiseminaari 12. Älykästä opettamista vai opettamisen loppu? - Tekoäly kasvatustieteellisenä kysymyksenä

Slotte Dufva, T. (Speaker)

20 Nov 2024

AI ur kulturarbetarsynvinkel

Slotte Dufva, T. (Speaker)

9 Oct 2024

Mikä Tekoäly- tekoäly opetuksessa ja oppimisessä

Slotte Dufva, T. (Speaker)

15 Aug 2024

Not AI, but Abstract Statistic Systems

Slotte Dufva, T. (Keynote speaker)

25 May 2024

Can computers create art?

McDonald, K. (Speaker), Slotte Dufva, T. (Speaker) & Toivonen, H. (Speaker)

7 May 2024

Bio-metaphors and more-than-human ontologies in computational visualities

Slotte Dufva, T. (Speaker) & Knochel, A. (Speaker)

24 Apr 2024

On Trial: predators vs. parasites, with Riikka Haapalainen

Slotte Dufva, T. (Speaker), Pusa, T. (Speaker) & Haapalainen, R. (Speaker)

24 Apr 2024

Critical AI: Pushback and Provocations for Massive Applied Statistics Media Creation

Slotte Dufva, T. (Speaker) & Knochel, A. (Speaker)

4 Apr 2024

Artificiell Intelligens i konst och kultur

Slotte Dufva, T. (Speaker)

20 Feb 2024

Kulttuurintutkimuksen päivät

Slotte Dufva, T. (Organiser) & Pusa, T. (Organiser)

13 Jan 2024 → 15 Jan 2024

Digitalisaation merkitys tulevaisuuden käsityössä

Slotte Dufva, T. (Keynote speaker)

12 Jan 2024

Tekoäly ja Taide

Slotte Dufva, T. (Lecturer)
9 Jan 2024

Member of the Recruitment Committee for Art and Technology Lecturer

Slotte Dufva, T. (Examiner)
2024

Kulttuurintutkimuksen päivät

Slotte Dufva, T. (Chair)
13 Dec 2023 → 15 Dec 2023

Kaikkialla digi -digitaalisen teknologian kriittinen luento kasvatuksen kontekstissa

Slotte Dufva, T. (Speaker)
23 Nov 2023

Pedagogisten käytäntöjen pelaamisella käytänteiden kuvitteluun

Slotte Dufva, T. (Speaker), Humalisto, T. (Speaker) & Brygger, M. (Speaker)
23 Nov 2023

Some, AI ja median haasteet

Slotte Dufva, T. (Speaker)
28 Sept 2023

Post-digital art education

Slotte Dufva, T. (Speaker)
27 Sept 2023

Future Predators

Slotte Dufva, T. (Speaker), Haapalainen, R. (Speaker) & Pusa, T. (Speaker)
14 Jun 2023

Commentary

Slotte Dufva, T. (Speaker)
23 May 2023

Research in Arts and Education (Journal)

Ylirisku, H. (Guest editor), Slotte Dufva, T. (Guest editor) & Snellman, M. (Guest editor)
Apr 2023 → 19 Jun 2024

Taidekasvatus post-digitaalisella aikakaudella

Slotte Dufva, T. (Speaker)
21 Mar 2023

Cultural Policy Report working group

Slotte Dufva, T. (Consultant)
2023 → ...

Valtioneuvoston kanslia (External organisation)

Slotte Dufva, T. (Member)
2023 → 2024

Koneoppimisalgoritmit kuvan tuottajina- ikoneita, vallan kuvia vai jotain muuta?

Slotte Dufva, T. (Speaker)
24 Nov 2022

Digikokin keittiössä

Slotte Dufva, T. (Keynote speaker)
18 Nov 2022

Vuorovaikutuksen reseptikeittiö

Slotte Dufva, T. (Organiser)
18 Nov 2022

Digitaalisuuden kokemuksellisuudesta

Slotte Dufva, T. (Keynote speaker)
23 Sept 2022

International Journal of Education and the Arts (Journal)

Slotte Dufva, T. (Reviewer)
2022 → ...

International Journal of Education and the Arts (Journal)

Slotte Dufva, T. (Reviewer)
2022 → ...

Exploring the Global Media Arts & Education

Slotte Dufva, T. (Speaker)
25 Sept 2021

Meet the makers: Jos haluu saada on pakko antaa?

Haapalainen, R. (Speaker), Slotte Dufva, T. (Speaker) & Pusa, T. (Speaker)
17 Sept 2021

The diary of a Pokemon whisperer (Pokemonkuiskaajan päiväkirja)

Slotte Dufva, T. (Speaker)
26 Nov 2020

Maker-culture in the post-normal era (Maker-kulttuuri post-normaalilla aikakaudella)

Slotte Dufva, T. (Speaker)
21 Nov 2020

Artnodes (Journal)

Slotte Dufva, T. (Reviewer)
Oct 2020 → ...

Future craft education and digitality in early childhood education (Tulevaisuuden käsityökasvatus ja digitaalisuus varhaiskasvatuksessa)

Slotte Dufva, T. (Speaker)
25 Aug 2020

Scandinavian Journal of Educational Research (Journal)

Slotte Dufva, T. (Reviewer)
Jun 2020 → ...

Opetushallitus (External organisation)

Slotte Dufva, T. (Chair)
May 2020 → 2021

Consulting on introducing programming and robotics to curriculum

Slotte Dufva, T. (Consultant)

Apr 2020 → May 2020

STEAM INC training session on best practices in HE on STEAM

Veart, L. (Organiser), Cahill-Jones, T. (Organiser), Durall Gazulla, E. (Participant), Brinck, J. (Participant), Sederholm, H. (Participant), Tervo, J. (Participant) & Slotte Dufva, T. (Participant)

25 Mar 2020 → 30 Mar 2020

National Artificial Intelligence Programme AuroraAI

Slotte Dufva, T. (Consultant)

Mar 2020 → Jun 2020

Digital futures in postnormal times

Slotte Dufva, T. (Speaker)

26 Feb 2020

STEAM INC discussion session with Aalto teachers

Durall Gazulla, E. (Organiser), Brinck, J. (Organiser), Leinonen, T. (Member), Sederholm, H. (Participant), Tervo, J. (Participant), Slotte Dufva, T. (Participant), Pouta, E. (Participant), Vandeput (Bartaku), B. (Participant), Evans, J. (Participant), Sivula, L. (Participant), Fricker, P. (Participant), Kotnik, T. (Participant), Kauppinen, M. (Participant), Peltonen, K. (Participant) & Kauppinen, T. (Participant)

21 Jan 2020 → 22 Jan 2020

Tekoäly kulttuurissa ja taiteessa - mitä valtion kulttuurihallinnon virkamiehen tulee tietää tekoälystä ja sen kehityksestä vuonna 2019?

Slotte Dufva, T. (Speaker)

3 Dec 2019

Program or be programmed

Slotte Dufva, T. (Speaker)

29 Nov 2019

On the virtuality of the image

Slotte Dufva, T. (Member) & Rainio, T. (Organiser)

21 Nov 2019

Kohti uusia käytäntöjä" Tulevaisuus- ja visiotyö uudenlaisen ajattelun käynnistäjänä ja uusien toimintatapojen lähtökohtana, "miten muutan maailmaa", soveltavan taiteen uusia mahdollisuuksia tulevaisuudessa.

Slotte Dufva, T. (Speaker)

14 Nov 2019

How to Educate Kids and Youngsters to value art and science as equals. Pedagogy in practice

Slotte Dufva, T. (Speaker) & Ljokkoi, K. (Contributor)

25 Oct 2019

ANTI - Contemporary Art Festival

Slotte Dufva, T. (Member)

14 Sept 2019

Reittejä postdigitaalisen maailman ymmärtämiseen

Slotte Dufva, T. (Speaker)

4 Sept 2019

Postdigital & Grasping the postdigital

Slotte Dufva, T. (Speaker)

29 Aug 2019

ENCOUNTERING DATA ENTITIES THROUGH DIRTY SONIFICATION

Slotte Dufva, T. (Speaker) & Tuovinen, T. (Contributor)

23 Aug 2019

In the middle of zero and one: Grasping our post-digital world.

Slotte Dufva, T. (Speaker)

9 May 2019

Biased digitality, experiential digitality (Presentation held in Finnish with the title: Vinoutunut digitaalisuus, kokemuksellinen digitaalisuus)

Slotte Dufva, T. (Speaker)

29 Apr 2019

In the Middle of 0 and 1: Grasping Digitality

Slotte Dufva, T. (Speaker)

29 Apr 2019

Digitaalisuuden merkityksestä taiteelle ja taideopetuksessa

Slotte Dufva, T. (Speaker)

9 Apr 2019

Grasping AI -artistic research into the world of AI

Slotte Dufva, T. (Speaker)

15 Mar 2019

Five interactive workshops and presentations

Raevaara, M. (Contributor), Slotte Dufva, T. (Invited speaker) & Tuovinen, T. (Invited speaker)

10 Feb 2019 → 12 Feb 2019

Creative Coding

Slotte Dufva, T. (Speaker)

9 Feb 2019

How digitality changes our life and work? Pathways to postdigital world

Dufva, T. (Speaker)

30 Nov 2018

Creative coding in education

Dufva, T. (Speaker)

29 Nov 2018

Grasping AI systems

Dufva, T. (Speaker)

15 Nov 2018

Notions on the relations between art and artificial intelligence

Dufva, T. (Speaker)

31 Oct 2018

Art education advisor for the 2021 upper secondary school curriculum

Slotte Dufva, T. (Consultant)

29 Oct 2018 → 17 May 2019

Postdigital aesthetics

Dufva, T. (Speaker)

27 Oct 2018

Creative coding in education: Pathways to understanding postdigital world

Dufva, T. (Speaker)

26 Oct 2018

Finnish high school curriculums planning comity for art education

Dufva, T. (Consultant)

11 Oct 2018 → 31 May 2019

Algorithms and digital education in the EU

Dufva, T. (Speaker)

5 Oct 2018

Postdigital Present & Digi-graspable Future

Dufva, T. (Speaker)

23 Sept 2018

Creative coding in education

Dufva, T. (Speaker)

8 Sept 2018

Creative Coding at the arts and crafts school Robotti

Dufva, T. (Speaker)

19 Jun 2018

Its your data, but my algorithms

Dufva, T. (Speaker)

18 Jun 2018

Its your data, but my algorithms

Dufva, T. (Speaker)

15 May 2018

Postdigital Art Education

Dufva, T. (Speaker)

6 Apr 2018

Dopamine pirates, crypto-luxury and hyper-personalized uncertainty: post-digitality and art education

Dufva, T. (Speaker)

4 Apr 2018

Creative Coding at the arts and crafts school Robotti

Dufva, T. (Speaker)

8 Mar 2018

Its your data, but my algorithms

Dufva, T. (Speaker)

8 Mar 2018

Grasping the Future of the Digital Society

Dufva, T. (Speaker)

31 Oct 2017

Luova ohjelmointi digitaalisuuden ymmärtämisessä

Dufva, T. (Speaker)

6 Oct 2017

Grasping the Future of the digital society

Dufva, T. (Speaker)

12 Jun 2017

Creative coding at Käsiyökoulu Robotti

Dufva, T. (Speaker)

31 May 2017

IMAGINING ALTERNATIVE FUTURE ECONOMIES

Dufva, T. (Speaker) & Dufva, M. (Speaker)

29 Apr 2017

Foreign Organisation

Dufva, T. (Visiting researcher)

11 Nov 2016

Creative coding

Dufva, T. (Speaker)

8 Nov 2016 → 9 Nov 2016

"Metaphors of code - how art can be used to understand digitalisation.

Dufva, T. (Speaker)

8 Nov 2016

Creative coding in art education

Dufva, T. (Speaker)

7 Nov 2016 → 9 Nov 2016

In this place- Cumulus 2016

Dufva, T. (Invited speaker)

28 Apr 2016

Metaphors of Code- Structuring and broadening the discussion on teaching children to code

Dufva, T. (Speaker)

13 Nov 2015

Presented article written together with Mikko Dufva named: Metaphors of code - structuring and broadening the discussion on teaching kids to code

Dufva, T. (Speaker)

13 Nov 2015

Prizes

National Art Education Association (NAEA) Grant

Slotte Dufva, T. (Recipient), Liao, C. (Recipient) & Sweeny, R. (Recipient), 2024

Svenska Kulturfonden stipend

Slotte Dufva, T. (Recipient), 2023

Press/Media

ANTI-Festival presented three public space projects by Aalto art education students

Slotte Dufva, T.

07/11/2023

1 item of Media coverage

Artificiell Kreativitet

Slotte Dufva, T.

01/01/2023

1 Media contribution

Interview in Future technologies conference

Slotte Dufva, T.

24/10/2019

1 item of Media coverage

Juuso Pekkinen: Ote postdigitaalisesta todellisuudesta

Dufva, T.

04/09/2018

1 item of Media coverage

Kunnallis-politiikko jakoi teko-äly-kuvia "pakolaisista" – Näin tunnistat valheellisen kuvan

Slotte Dufva, T.

30/11/2023

1 Media contribution

Maker-Culture 2018: Towards more inclusive and diversified making? / Maker-kulttuuri 2018: kohti suvaitsevaisempaa ja monimuotoisempaa tekemistä?

Dufva, T.

08/10/2018

1 Media contribution

Median tekoälyuutisoinnissa näkyvät totuus ja tieteisfiktio

Slotte Dufva, T.

14/06/2022

1 item of Media coverage

Viktiga egenskaper för en bildkonstlärare är abstrakt tänkande och öppenhet

Slotte Dufva, T.

26/09/2024

1 Media contribution