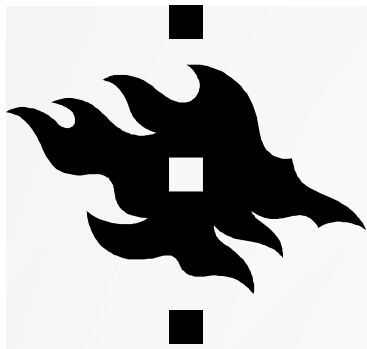


ALTMETRICS TOOLS IN THE UNIVERSITY OF HELSINKI LIBRARY



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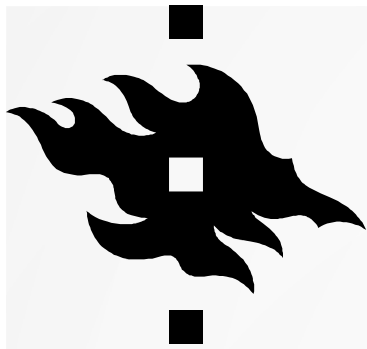
USING AND TESTING ALTMETRICS TOOLS

- Two sides of testing...
 - How to get publications into altmetrics tools?
 - What sort of data about the attention raised by the publications these tools capture – and how they do it?



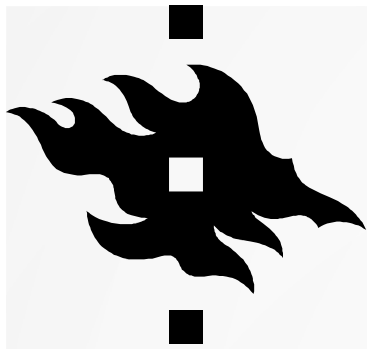
RESEARCH AND TEACHING STAFF IN THE UNIVERSITY OF HELSINKI

- Altogether 4 621 persons (4 154 person years) during year 2016
 - 599 professors, research directors and senior curators (level 4)
 - 1 262 university lecturers, clinical teachers, university researchers, senior researchers, research co-ordinators, intendants, assistant professors (tenure track) (level 3)
 - 941 post-doctoral researchers, university instructor (level 2)
 - 1 585 doctoral students, specialising physician/dentist/veterinarian, research and teaching assistants (level 1)
 - 234 other teaching and research staff



ALTMETRICS IN THE UNIVERSITY OF HELSINKI

- PlumX (plu.mx/helsinki/g/)
Started to use in fall of 2015
Today 239 researchers (only quite small rise in the amount during the last year)
- Altmetric.com (www.altmetric.com/)
Started to use in UH late 2016/early 2017
Users?; The whole TUHAT (UH Repository) uploaded into Altmetric Explorer
- Kudos (www.growkudos.com/)
Started to use in UH late 2016/early 2017
Today approx. 250 users
Free for everyone to use
- ImpactStory (impactstory.org/)
Testing only on my own user account
Open source software; free for everyone to use



PLUMX

- We need personal permission from each researcher to be added into PlumX
 - Collected via an electronic form
- The 1st phase 2015-2016
 - Researchers added manually; Labour intensive handwork
 - List of publications imported from databases; BibTXT from TUHAT(UH repository); WoS import
- The 2nd phase 2017
 - Relying on ORCID synchronization
 - TUHAT à ORCID à PlumX
 - Experiences still in the analysis

TUHAT à ORCID à PLUMX

AUTOMATION

Mikko Ojanen

TUTKIMUKSEN JA OPETUKSEN KUNNUS
Yhteiskunnan edistäjä
ELECTRONIC MUSIC AND ELECTRONIC MUSICAL INSTRUMENTATION RESEARCH GROUP

CURRICULUM VITAE
CV_Ojanen_Mikko_20181028.pdf

VALIKOIDUT JULKAISUT

- Masterying Kuittemien's Rules (2012): the role of the audio engineer in the mastering process
Ojanen, M. 2012 Julkaisu - Journal of Record Production, 30
- Jukka Ruutuinen ensimmäisen sävellyksen elektronisoinnin muuttoliike
Ojanen, M. 2014 Julkaisu - Sound, 44, 12, s. 140-142 28 Suomalainen Kirjallisuuden Seura
- Electroacoustic concert and hearing performance of the 190s and early 70s in Finland
Ojanen, M. 2014 s. 112-115 Suomalainen Kirjallisuuden Seura
- Disk4000: An early digital microcomputer by Eino Kuitteminen
Järvelin, K., Suominen, J. & Ojanen, M. 2014 s. 155-161 4 Suomalainen Kirjallisuuden Seura
- Eino Kuitteminen's electronic music studio
Ojanen, M. 2014 Julkaisu - Journal of Record Production, 30
- Material type as a piece of art: Case studies of an important work-omnipot in Eino Kuitteminen's electroacoustic music
Ojanen, M. & Laatikainen, K. 2012 s. 112-115 Suomalainen Kirjallisuuden Seura

à

Mikko Ojanen

Education (2)

- University of Helsinki: Helsinki, Finland (2014 to present)
- PhD Candidate (Department of Philosophy, History, Culture and Art Studies)
- Source: Mikko Ojanen Created 2016-06-16

Employment (1)

- University of Helsinki: Helsinki, Finland (2014 to 2015-12-31)
- PhD Candidate (The Doctoral Programme for Philosophy, Arts and Society)
- Source: Mikko Ojanen Created 2016-06-16

Works (25)

- The University of Helsinki Electronic Music Studio: Founding and Early Development
A Cultural History of the Avant-Garde in the Nordic Countries 1950-1975
2014 (journal article)
DOI: 10.1687/9789004310506_044
ISBN: 9789004310490
Source: Mikko Ojanen Preferred source
- Kataus ARPI4-konferenssin ARPI4: The 9th Art of Record Production Conference: Record Production in the Internet Age, 4-6, 12, 2014, Oulu, Ruotsin Tiedeturva
2015 (journal article)
Source: Mikko Ojanen Preferred source
- Masterying Kuittemien's Rules (2012): the role of the audio

à

Mikko Ojanen

Researcher from: City Centre Campus, Helsinki University

Impact by Type: All

Year	Title	Type	Articles	Books	Other	Total
2018	University of Helsinki: Electronic Music Studio - Founding and Early Development	Book Chapter	1	80		
2018	Disk 100 performance, 2016, Helsinki	Other				
2018	Tuulisen muuttoliikkeen äänien läsnäolo ensimmäisen sävellyksen elektronisoinnissa	Article				
2018	Tuulisen muuttoliikkeen äänien läsnäolo ensimmäisen sävellyksen elektronisoinnissa	Article				
2018	Interaction of Music and Technology: The Impact of Music Instruments of Eino Kuitteminen	Book Chapter	128	1	12	
2018	Kuittemien sävellyksen, maston ja vaimon	Video				63
2018	Masterying Kuittemien's Rules (2012): the role of the audio engineer in the mastering process	Article				1
2018	Masterying Kuittemien's Rules (2012): the role of the audio engineer in the mastering process	Article				82
2018	Disk 100 performance, 2015, Aunimänttä: 50-vuotis juhlasävellyksen	Other				
2018	Disk 100 performance, 2015, Lux Sonoris	Other				
2018	Disk 100 performance, 2015, Helsinki	Other				
2018	Interaction of Music and Technology:	Book Chapter				
2018	Kataus ARPI4-konferenssin ARPI4: The 9th Art of Record Production Conference: Record Production in the Internet Age, 4-6, 12, 2014, Oulu	Article				
2018	Material type as a piece of art: Case studies of an important work-omnipot in Eino Kuitteminen's electroacoustic music	Article				
2018	Material type as a piece of art: Case studies of an important work-omnipot in Eino Kuitteminen's electroacoustic music	Article				
2018	Disk 10000: An early digital microcomputer by Eino Kuitteminen	Conference Paper	1			23
2018	University of Helsinki: Research Laboratory and Electronic Music Studio - The first 50 years and beyond	Conference Paper	2			
2018	Disk 10000	Conference Paper				
2018	Disk 100 performance, 2014	Other				
2018	Electroacoustic concert and hearing performance of the 190s and early 70s in Finland	Conference Paper				
2018	Electroacoustic concert and hearing performance of the 190s and early 70s in Finland	Conference Paper				

§ 59 publications in our local repository TUHAT

§ 60 publications in ORCID

§ Some duplicates emerged during the automatic synchronization showing higher numbers in PlumX than in the local repository

§ 85 publications in PLUMX

PLUMX COVERAGE COMPARED TO TUHAT (UH REPOSITORY)

PlumX coverage compared to TUHAT 20160627					
Campus	Researchers in PlumX	PlumX/TUHAT < 60%	PlumX/TUHAT > 60%	PlumX/TUHAT > 100%	Acceptable coverage
Kumpula	29	7	13	9	76 %
City Center Campus	17	17	0	0	0 %
Viikki Campus	27	5	18	4	81 %
Meilahti Campus	85	12	26	47	86 %
TOTAL	158	41	57	60	74 %

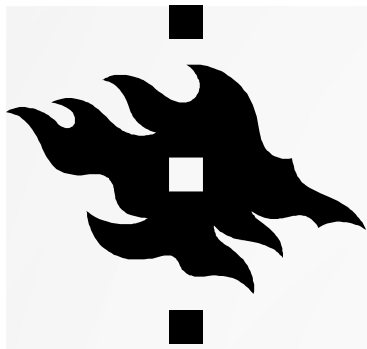
§ Kumpula, Viikki and Meilahti campuses include natural sciences and medicine

§ City Center Campus (SSH) clearly stands out here

PlumX coverage compared to TUHAT 20170530					
Campus	Researchers in PlumX	PlumX/TUHAT < 60%	PlumX/TUHAT > 60%	PlumX/TUHAT > 100%	Acceptable coverage
Kumpula	29	3	8	18	90 %
City Center Campus	19	12	5	2	37 %

§ After ORCID synchronization a bit better situation in SSH

How many of these are duplicates in PLUMX?



ALMETRIC.COM

- TUHAT database uploaded to Altmetric Explorer
- Some of the ethical issues considered; e.g. no "facebook likes" measured

The screenshot shows the Altmetric Explorer interface. The top section is titled "EXPLORE THE ALTMETRIC DATABASE" and includes a search bar and filters. Below this, there are several search results cards. One card is highlighted, showing the book "A Cultural History of the Avant-Garde in the Nordic Countries 1950-1975". The detailed view of this book is shown in a pop-up window. The pop-up window has a blue header "Altmetric Details Page" and a subtitle "A Cultural History of the Avant-Garde in the Nordic Countries 1950-1975". It features a circular chart showing "Overall attention for this book and its chapters" with a score of 5. Below the chart, it lists "Mentioned by" with 2 tweets and 1 Wikipedia page. A red arrow points from the text "One Wikipedia mention captured here..." to the "1 Wikipedia page" entry. Below the pop-up window, there is a table with the following information:

Field	Value
Title	A Cultural History of the Avant-Garde in the Nordic Countries 1950-1975
Published by	Brill, January 2016
DOI	10.1163/9789004310506

One Wikipedia mention captured here...

... however, this is an erroneous reference; Wikipedia is not citing my research but another article in the same anthology.



ALMETRIC.COM

- Not only figures but visualisation with "Almetric donut"

The Colours of the Donut

● Policy documents	● Google+
● News	● LinkedIn
● Blogs	● Reddit
● Twitter	● Faculty1000
● Post-publication peer-reviews	● Q&A (stack overflow)
● Facebook	● Youtube
● Sina Weibo	● Pinterest
● Wikipedia	





ALMETRIC.COM COVERAGE COMPARED TO TUHAT (UH REPOSITORY)

Altmetric coverage compared to TUHAT 20170530	Researchers in PlumX	PlumX/TUHAT < 60%	PlumX/TUHAT > 60%	PlumX/TUHAT > 100%	Acceptable coverage
Campus	29	28	1	0	3 %
Kumpula	19	18	0	0	0 %

KUDOS: A TOOL FOR IMPROVING ONLINE VISIBILITY

KUDOS

Mr Mikko I Ojanen | Menu

Add a short title to make your publication easier to find and understand.

Adding a short title to your publication can help increase citations. See examples

University of Helsinki Electronic Music Studio – Founding and Early Development

Mikko Ojanen, Kai Lassfolk

Publisher: Brill
DOI: http://dx.doi.org/10.1163/9789004310506_044

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About Share Metrics Authors Related Publications Activity Log

Co-authors: sign in and claim this publication to add your perspective.

What's it about?
Add a simple, non-technical explanation or the lay summary of your publication to make it more accessible to a broader audience.

Why is it important?
Add an explanation of what is unique and/or timely about your work, and the difference it might make to help increase readership.

Perspectives
Mikko Ojanen (Author)
Add your own personal perspective about this publication. Note that this is your opportunity to comment as an individual, whereas the "What's it about?" and "Why is it important?" sections are jointly created by one or more authors.

Resources
External resources such as presentations, videos, interviews, figures, data-sets or related publications
Help readers set your work in context by adding links to resources such as presentations, videos, interviews, figures, data-sets or related publications.

Share Publication

Read Publication

Report a bug or a data issue

The following have contributed to this page: Mr Mikko I Ojanen

About Share Metrics Authors Related Publications

Post a trackable link to your publication on your social media accounts or understand which of these is helping you increase your readership.

Social Media

Select which accounts to post to:

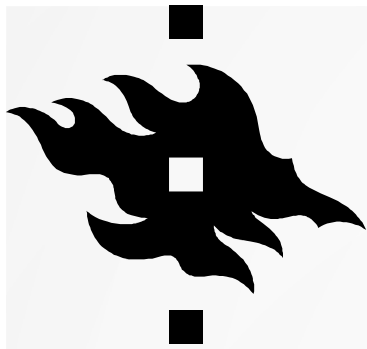
- Facebook is not yet authorized: [Authorize now](#)
- Twitter is not yet authorized: [Authorize now](#)
- LinkedIn is not yet authorized: [Authorize now](#)

We will add a trackable link back to your publication on Kudos.

Post

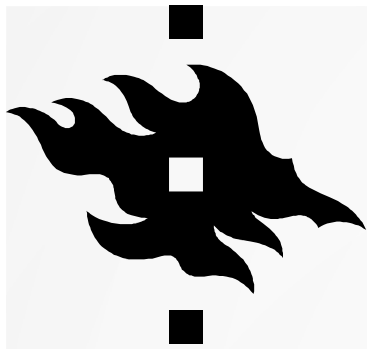
Kudos
<https://www.growkudos.com/>

Ethical issues: Can we force everyone to use social media?



ALTMETRICS AND OPEN SCIENCE

- Altmetric tools only partially discuss with open science
 - A doi of an article behind paywall can be tweeted and discussed in social media
 - A survey on the comparison between openness of publications and the attentions raised by publications should be conducted
- Open Science principles promote open source codes and non-proprietary software
 - Altmetric.com and PlumX are closed and commercial



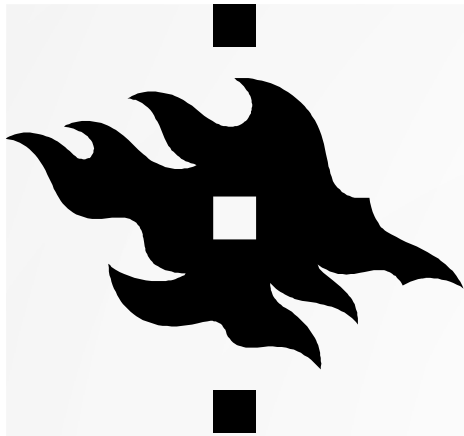
PROBLEMS WITH ALTMETRICS TOOLS

- Variation among disciplines
 - Altmetric tools seem to work fine in Natural Sciences and in Medicine
 - Serious problems in Social Sciences and Humanities
- The lack of CrossRef registered DOI is a big problem
- Ethical issues
 - Can we force everyone to use social media?
 - The role of responsible organization?
 - Library or other organization providing an “overcoat” for those do not want to be present in social media platforms
- Problems with linked data and the quality of metadata
 - Several duplicates, especially in PlumX
 - Unidentified research artifacts
 - Social media captures not related to correct publication, especially in books and book chapters



QUESTIONS AND FURTHER DEVELOPMENT

- Call for a definition of impact
 - Various definitions?
 - Arbitrary valorization vs. assessment of value of the research output?
 - Perceived quality; research impact evaluation as a game
 - Perceived impact is not stable; it can rise, it also can fall
 - Depending of the chosen set of publications uploaded into the tool
- More thorough user survey is needed
 - “Our users are happy, especially, in the medical faculty”
 - But this is based on hallway and coffee table discussions
- We need more data on altmetrics
 - For what it is used?
 - How it is used?
 - By whom; different stakeholders have different needs and goals?
 - In researchers’ CVs, Research administrators and funders?
- What is the service provided by library?
 - Altmetrics tool in itself is not a curated service



THANK YOU!

ALTMETRICS TOOLS IN THE UNIVERSITY OF HELSINKI LIBRARY



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HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

Mutual Learning Exercise on Open Science- Altmetrics and Rewards

31 May 2017

House of Science and Letters, Helsinki