Aalto-yliopisto
Aalto-universitetet
Aalto University

Strategies for promoting the use of digital cultural heritage collections with student and researcher engagement

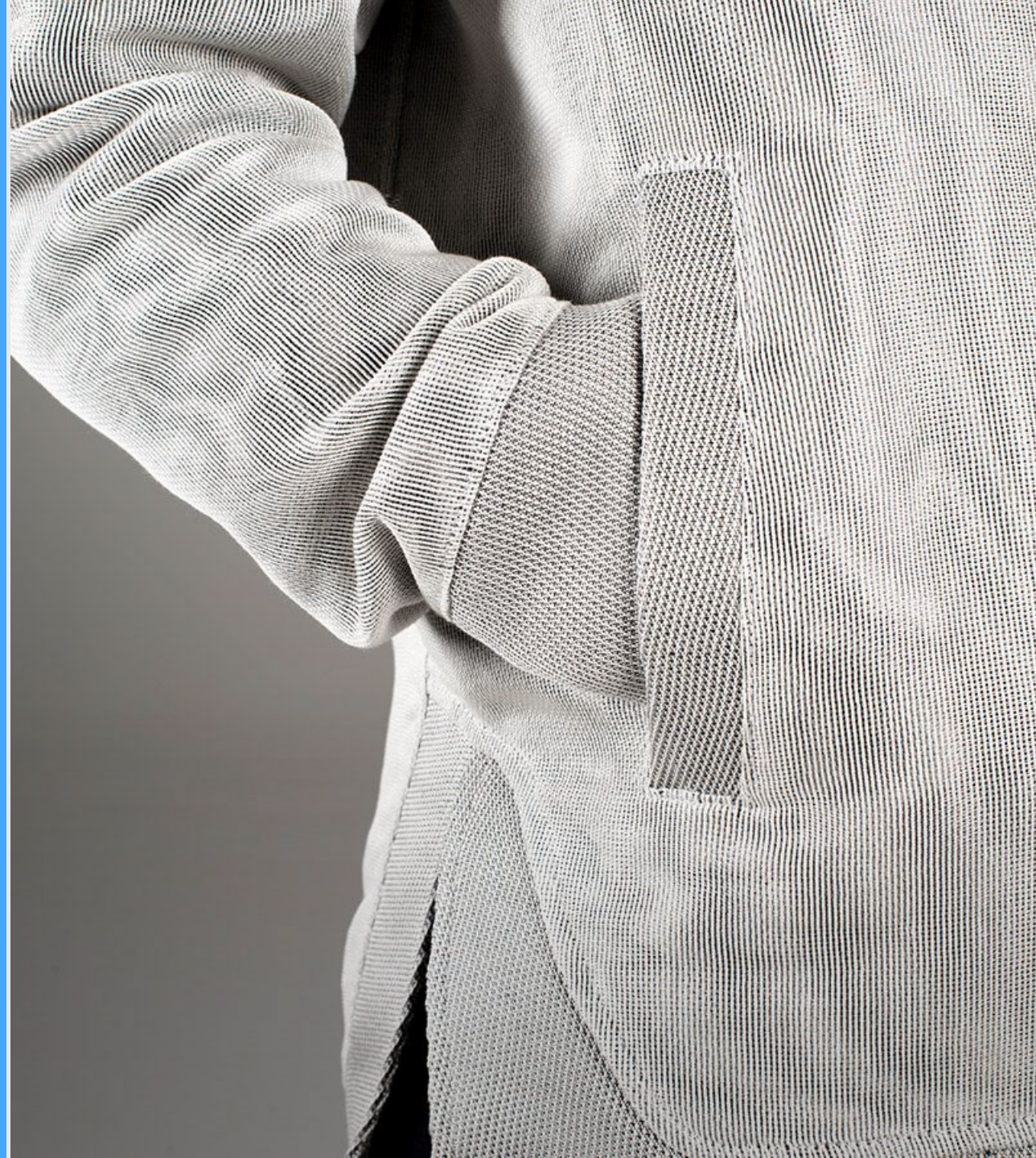
Marika Sarvilahti, Information Specialist

Erasmus Staff Training Week at ULiège Library 2024

Presentation content

- **Part 1. The context:**
  - Aalto University
  - Archives & The Learning Centre
  - Digital collections
- **Part 2. Strategies to promote digital cultural heritage use**
  - Integration in information skills training and degree courses
  - Visual resources online guide (libguides)
  - Artist residency for a student or researcher

A!



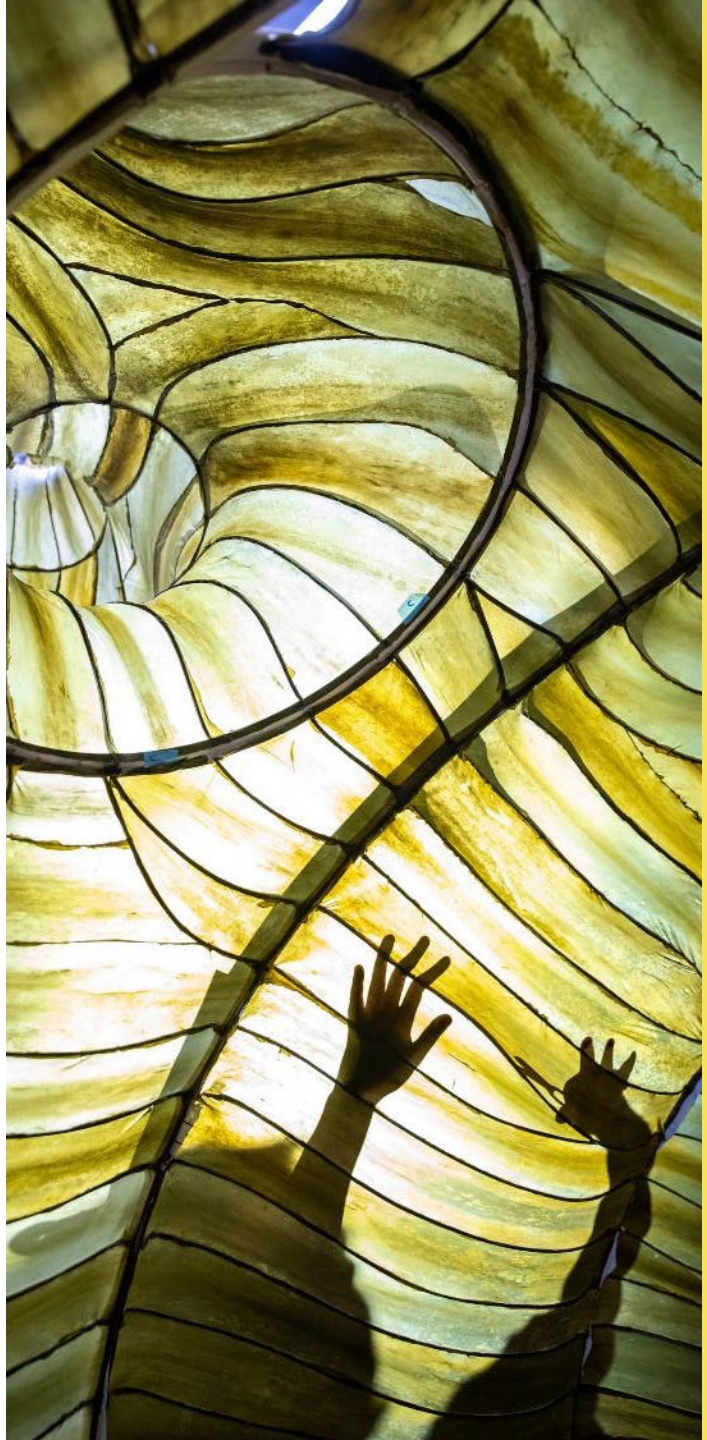
Merger of three leading Finnish universities – bringing science, technology, art and business together to produce innovations

Six schools

School of Arts, Design and Architecture architecture, art and media, design, film

School of Business accounting and business law, economics, finance, information and service management, management studies, marketing

School of Chemical Engineering bioproducts and biosystems, chemical and metallurgical engineering, chemistry and materials science



School of Electrical Engineering electrical engineering and automation, electronics and nanoengineering, information and communications engineering

School of Engineering built environment, civil engineering, mechanical engineering

School of Science applied physics, computer science, industrial engineering and management, mathematics and systems analysis, neuroscience and biomedical engineering

A!

Aalto community in numbers

13 900 degree students
(full-time equivalent)

Over **100 000** alumni

A staff of nearly
4 900 of which over
413 are professors.

Each year our students earn about

210 doctoral degrees,

2 000 master’s degrees,

1 500 bachelor’s degrees and

300 MBA and Executive MBA certificates

Excellence in art, design and architecture

Art & design ranked

#8

in the world
(QS World University Rankings 2024)

Architecture and built environment ranked

#39

in the world
(QS World University Rankings 2024)

A!

Students have excelled in the annual Designers' Nest/Alpha competition for 11 consecutive years.

Students have reached the final of Hyères Fashion Festival 12 years in a row.

Learning Centre

Library collections: primo.aalto.fi (primo)

Theses: aaltodoc.aalto.fi (dspace)

Services:

- Information services
- Information literacy
- Open science

Facilities:

- **Visual Resources Centre**
- VR-Hub
- Mini Studio
- Self-Service Studio

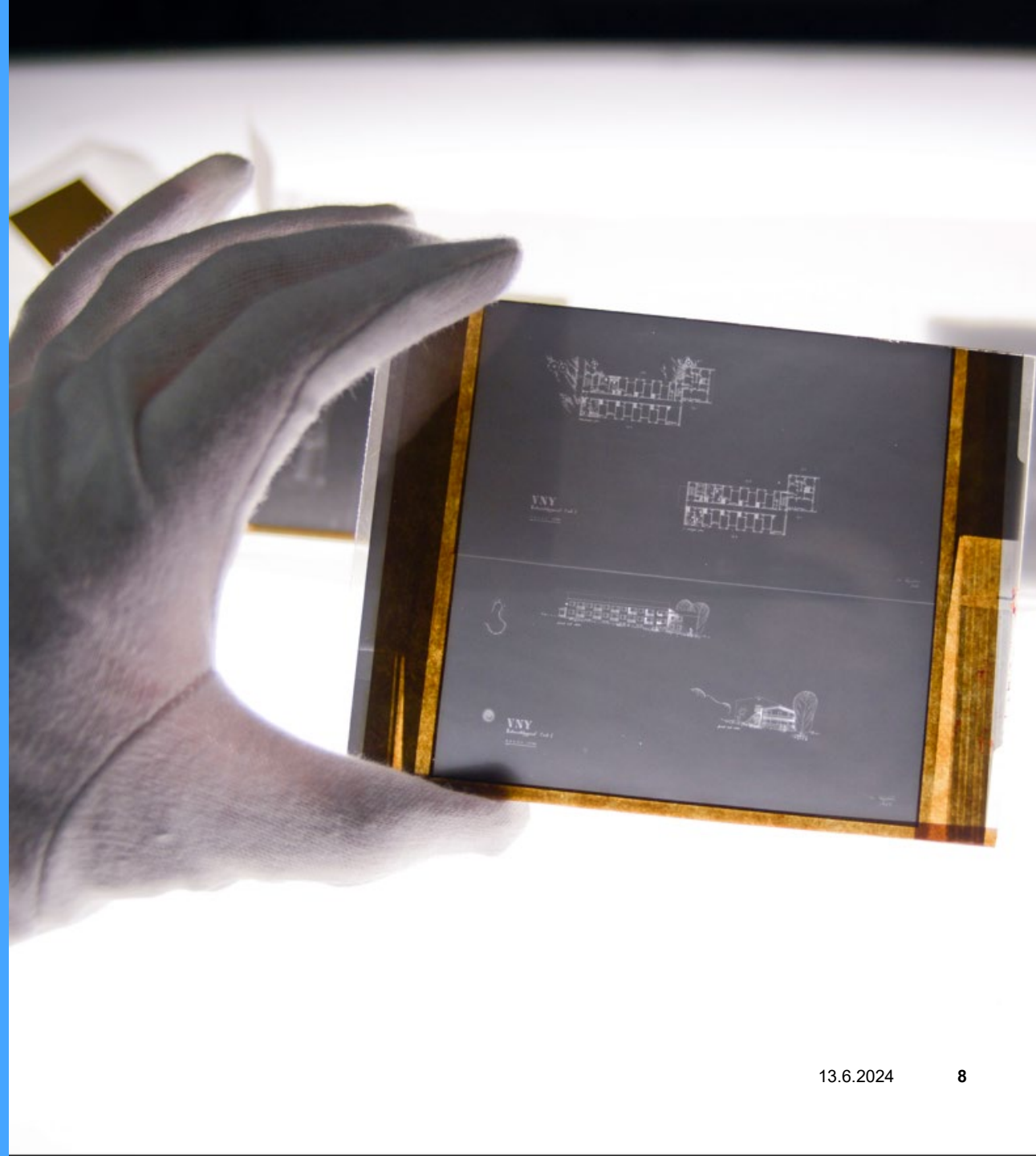
A!

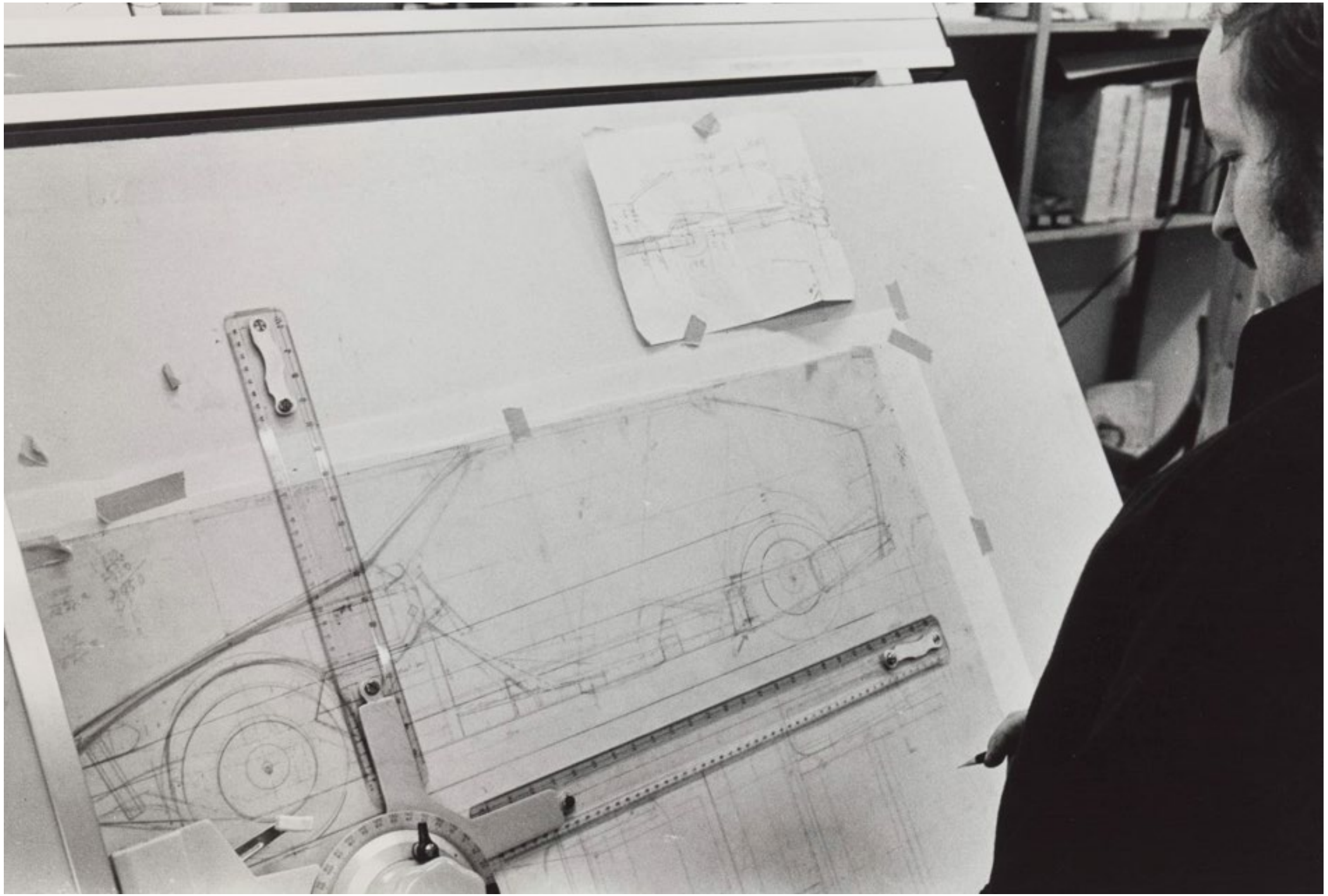
Archive collections

aalto.fi/en/archives

- **Digital collection:**
  - rare books, plate books
  - Image archive
  - objects
  - official documents
- **Digitisation:** outsourced + small scale inhouse
- **NEW! Aalto repository:** Migration to Preservica digital preservations system ongoing

A!





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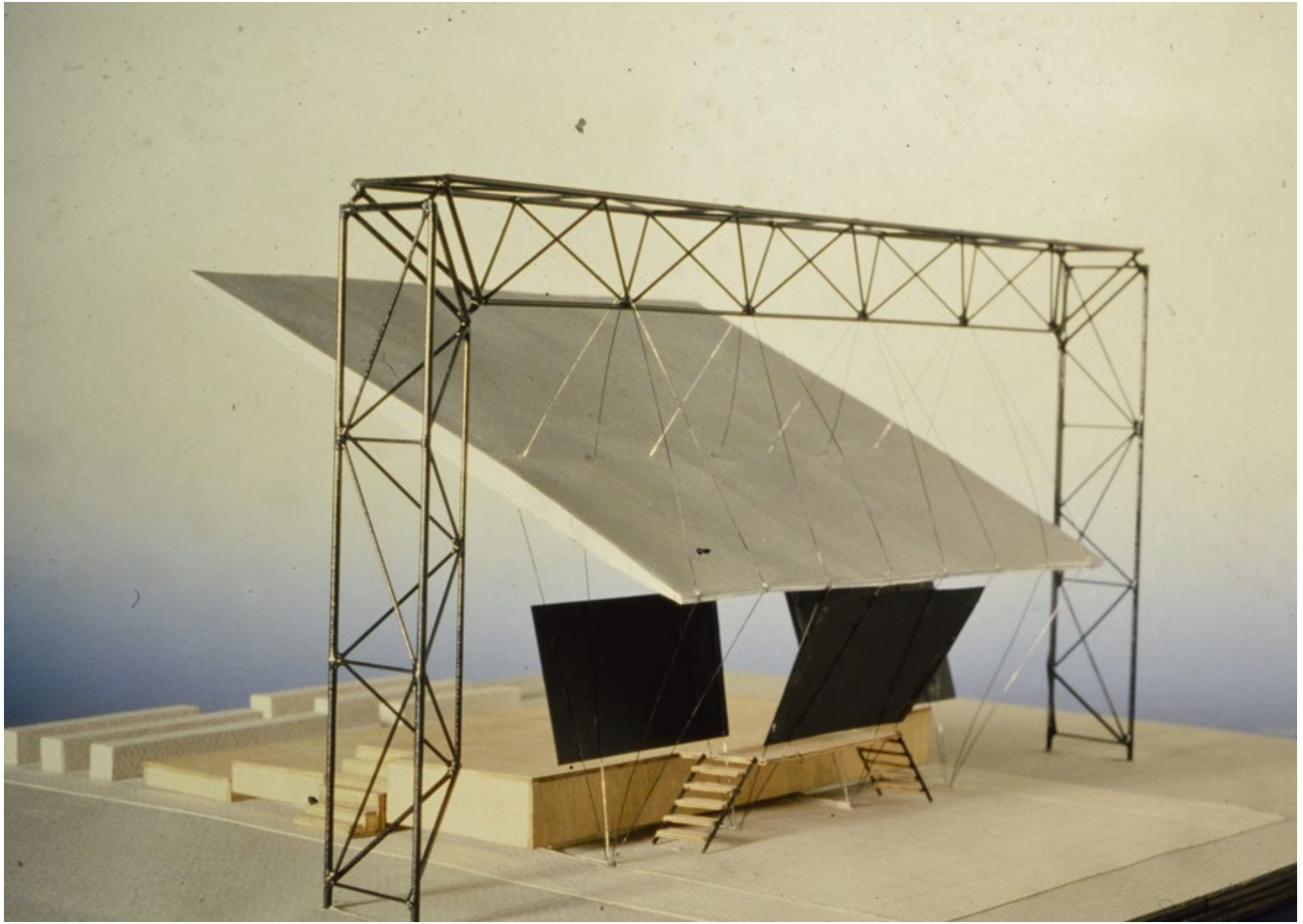


A!

Save to List | Email this | Export reference | Cite this | Print | QR Code

Concours international des jeunes créateurs de mode 1990: Purjeet

Luukkonen, Petteri 1990–1991

Petteri Luukkonen: "Purjeet", hame, jakku, käsineet. Materiaali: pintakäsitelty polyester, puuvilla, nahka. Värit: luonnonvalkoinen. Taideteollisen korkeakoulun ja sen edeltäjien toimintaan, opetukseen, toimipisteisiin, henkilöihin ja tiloihin liittyvä kokoelma (Taideteollinen korkeakoulu, valokuvat, TaiKV).

Content Type

Image

Organisation

Aalto University Archives

Collection

Tekstiilitaide, vaatetussuunnittelu ja pukutaide
Taideteollinen korkeakoulu

Created

1.1.1990-1.1.1991
Luukkonen, Petteri

Subjects

kilpailut
oppilastyöt
muoti
vaatesuunnittelu

Digital collections

Collections have been actively digitised in the last 10 years with investment in digital projects and saving archival space (campus moves to one location):

2-year mass digitization project:

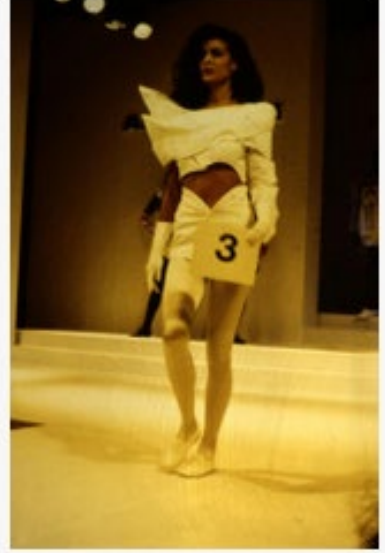
- 175 000 images: paper photographs, slides, drawings, VHS-collections (“at risk” media)
- dissertations starting from 1960 (2,5 km space)

Current project: developing ingest processes for born-digital (in next 2-3 years):

- self-archiving processes to Preservica system
- integrations from research portal and dissertation archive to Preservica
- long-term preservation strategy

A!

Concours international des jeun...
Luukkonen, Petteri
1990–1991

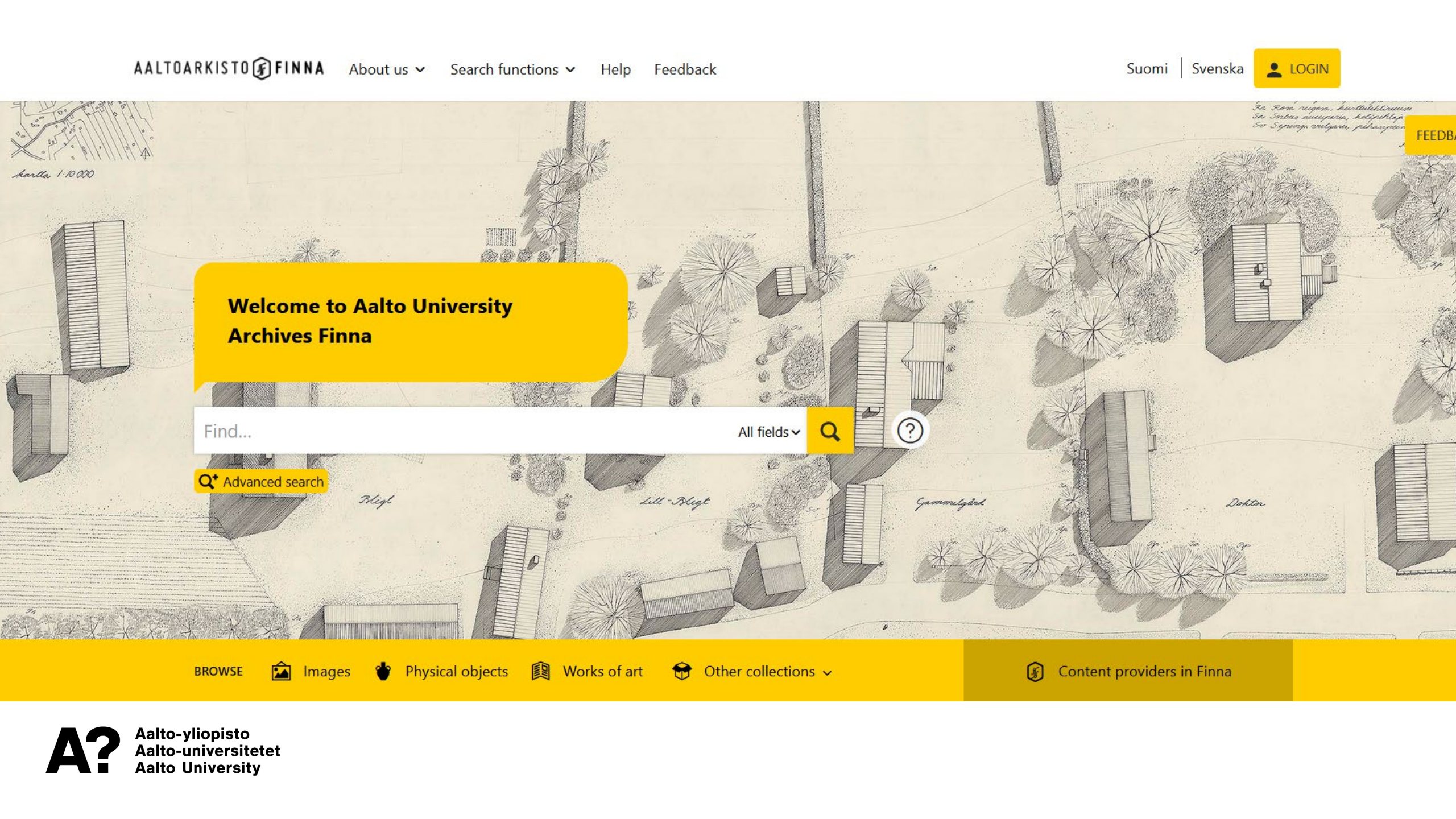


Concours international des jeun...
1990–1991

Finna: aaltoarkisto.finna.fi

60 000 images available online

- documentary images
- teaching materials
- student works related to theses
- projects
- exhibitions and competitions



Aalto-yliopisto
Aalto-universitetet
Aalto University

NARROW SEARCH

Showing **1 - 50** results of **207**

Sort Relevance | Results per page 50 | Show as Image gallery

Available online

COLLECTION

- Tekstiilitaide, vaatetussuunnittelu ja pukutaide 155
- Vaatetussuunnittelun oppilastyöt 40
- Painokankaat 6
- Villa- ja puuvillakangassarjat 3

▾ MORE...

TOPIC

CONTENT TYPE

- ▾ Image 136
  - Photo 83
  - Image 53
  - Physical object 71

AUTHOR

YEAR

YEAR OF MANUFACTURE

NEW IN FINNA

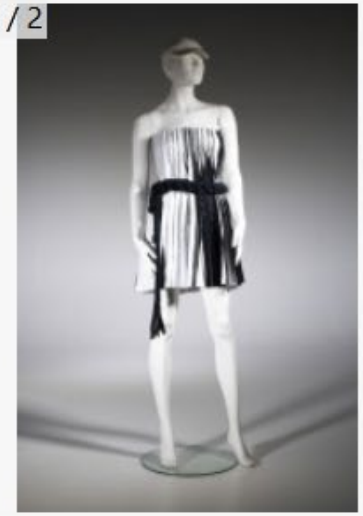
1 / 2

Vaatetussuunnittelun oppilastyö...
Seitsonen, Merja
1996

1 / 4

Vaatetussuunnittelun oppilastyö...
Ryynänen, Sirpa
1989

1 / 2



Vaatetussuunnittelun oppilastyö...
Rarnadottir, Anna Sofia
2007–2009

1 / 5

Vaatetussuunnittelun oppilastyö...

1 / 6

Vaatetussuunnittelun oppilastyö...

1 / 2

Vaatetussuunnittelun oppilastyö...

NARROW SEARCH

Showing **201 - 250** results of **4,695**

Sort: Year (oldest first) | Results per page: 50 | Show as: Image gallery

Available online

COLLECTION

- Arkkitehtuurin mittauspiirustukset 4,659
- Arkkitehtuurin laitoksen opetusdiakokoelma, kaappi C 10
- Teollisen muotoilun oppilastyöt 6
- Valokuvat 5

▾MORE...

TOPIC

CONTENT TYPE

AUTHOR

YEAR

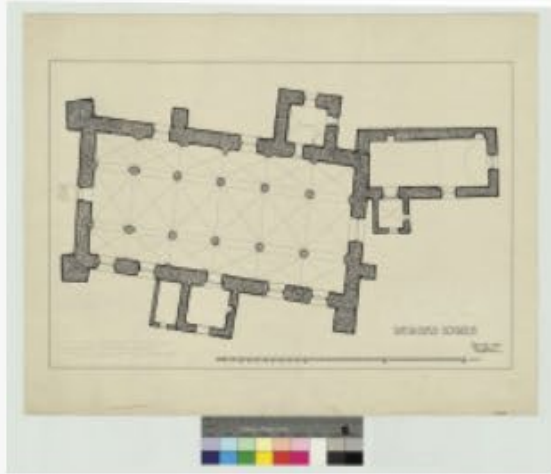
YEAR OF MANUFACTURE

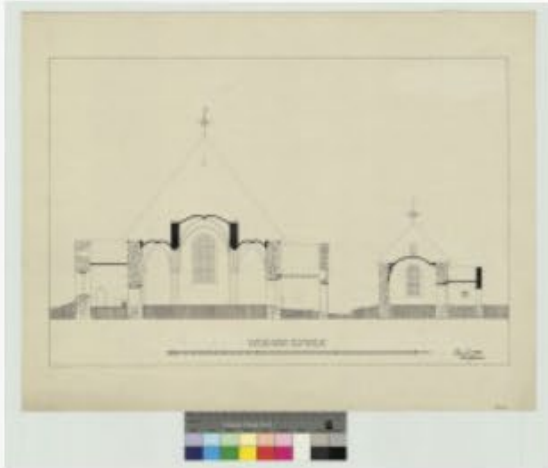
NEW IN FINNA

Rauman raatihuone, mittauspiir...
Meurman, Otto Iivari
1911–1912

Asunto huvilakaupunginosaan, ...
Meurman, Otto I.
1911–1912

Paraisten kirkko, mittauspiirustus
Sjöholm, Uno
1911–1912





Turun linna, mittauspiirustus

Nyström, Gustaf 1904–1905
Aalto University Archives

SHOW DETAILED VIEW

Turun linna, Turku, maakunta-arkisto. Julkisivu etelään 1:100. Mittauspiirustus, muutosehdotus. Piirtäjä: Gustaf Nyström. Tekniikka: akvarelli, tussi, kartonki 720x490

SAVE TO LIST

DOWNLOAD IMAGE (1024 x 796 px)

Material usage rights

Public Domain What does this mean?

Finna-palvelussa julkaistuja Aalto-yliopiston kuva-aineistoja voi käyttää lisenssin mukaisesti. Kaupallinen käyttö on mahdollista lisenssin niin salliessa. Kuvan

MORE

Material provided by

Available online ✕ Content Type: Physical object ✕

NARROW SEARCH

Showing **1 - 50** results of **1,546**

Sort Relevance | Results per page 50 | Show as Image gallery

☑ Available online

COLLECTION

- Aalto-yliopiston museokokoelma, maanmittausosasto 295
- Aalto-yliopiston museokokoelma, fysiikan laboratorio 193
- Keramiikka- ja lasitaide, oppilastyöt 1972 97
- Keramiikka- ja lasitaide, oppilastyöt 1973 84

▾ MORE...

TOPIC

CONTENT TYPE

AUTHOR

YEAR

YEAR OF MANUFACTURE

NEW IN FINNA

Roomalaiset kynttilät, ilotulitteid...
Mykkänen, Martti

Greta Lisa Jäderholm-Snellmanin...

Greta Lisa Jäderholm-Snellmanin...

Available online ✖ Collection: Martti Mykkänen ✖

NARROW SEARCH

Showing **1** - **50** results of **192**

Sort Relevance | Results per page 50 | Show as Image gallery

Available online

COLLECTION

Martti Mykkänen

Yhdyskuntasuunnittelu, diplomityöt 25.63.2 8

Painokuvat 5

Piirustuskokoelma, 1949-1950, 2. vuosikurssi 4

▾MORE...

TOPIC

CONTENT TYPE

AUTHOR

YEAR

YEAR OF MANUFACTURE

NEW IN FINNA

Pelastakaa lapset, juliste
Mykkänen, Martti

Scandinavia ś Friendly Finland
Mykkänen, Martti

Joulukortti
Mykkänen, Martti

‹ › 1 / 5

Oletko sinä kelpo koululainen? P...
Mykkänen, Martti

Luonnos, ihmishahmo pihamaise...
Mykkänen, Martti

Joulukortti
Mykkänen, Martti

A

Available online ✖ Content Type: Physical object ✖

NARROW SEARCH

Showing **451** - **500** results of **1,546**

Sort Relevance | Results per page 50 | Show as Image gallery

Available online

COLLECTION

Aalto-yliopiston museokokoelma, maanmittausosasto	295
Aalto-yliopiston museokokoelma, fysiikan laboratorio	193
Keramiikka- ja lasitaide, oppilastyöt 1972	97
Keramiikka- ja lasitaide, oppilastyöt 1973	84

▾ MORE...

TOPIC

CONTENT TYPE

AUTHOR

YEAR

YEAR OF MANUFACTURE

NEW IN FINNA

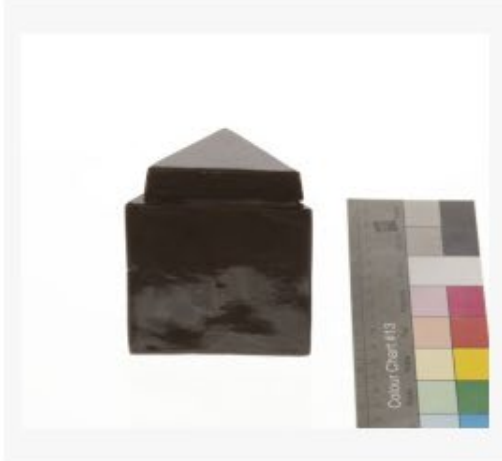
Kannu, kivitavara (oppilastyö 19...
Blåfield, Paula
1980–1981

Kannu, kivitavara (oppilastyö 19...
Blåfield, Paula
1980–1981

Pikari (oppilastyö 1979:22.3)
Weckman, Irma
1979–1980

Pikari, kivitavara (oppilastyö 197...
Weckman, Irma

Kannellinen purkki, kivitavara (o...
Mattila, Riitta



Kannellinen purkki, kivitavara (o...
Mattila, Riitta

Kannu, kivitavara (oppilastyö 1980:2.1)

Blåfield, Paula 1980–1981

Oppilastyökokonaisuuteen kuuluu 2 kannua. Keramiikka- ja lasitaiteen oppilastyökokoelma, Taideteollinen korkeakoulu. Aalto-yliopiston arkiston arkistokokoelma.

Content Type

Physical object

Organisation

Aalto University Archives

Collection

Keramiikka- ja lasitaide, oppilastyöt 1980
Taideteollinen korkeakoulu

Created

1.1.1980-1.1.1981
Blåfield, Paula

Subjects

oppilastyöt
kannut
keramiikkataide

Available Online

https://raami.aalto.fi/kuvatiet...48BCA30DD553

DOWNLOAD IMAGE (1024 x 1009 px)

Tiili (oppilastyö 1963:5)

Kuusimurto, Jukka
Aalto University Archives

SHOW DETAILED VIEW

39 kpl tiiliä, pintamuodoltaan kaikki erilaisia. Punasavi, värit punaruskea, musta ja valkoinen. Yhden tilen koko 10 x 10 cm. Keramiikka- ja lasitaiteen oppilastyökokoelma, Taideteollinen korkeakoulu. Aalto-yliopiston arkiston arkistokokoelma.

SAVE TO LIST

DOWNLOAD IMAGE (1024 x 701 px)

Material usage rights

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What does this mean?

Finna-palvelussa julkaistuja Aalto-yliopiston kuva-aineistoja voi käyttää lisenssin mukaisesti. Kaupallinen käyttö on mahdollista lisenssin niin salliessa. Kuvan

MORE▼

Material provided by

Aalto-yliopisto

Part 2. Student and researcher engagement

If you put it online, they may still not come…

Experiences from the field:

- The types and amount of visual information available has increased exponentially.
- Competition for attention is tough (Instagram mentioned as #1 source for images).
- General lack of awareness of digital cultural heritage services (1 in 10 has heard of Europeana).
- Students have difficulty to find, identify or be exposed to reliable, authentic and quality visual sources.

A!

Strategies to promote digital cultural heritage use

Raising awareness of digital cultural heritage as an information resource needs some strategies that fit in the context of the “memory organisation”, but looks beyond the itself and the siloes of archive, library, museum:

Strategies at Aalto University:

1. Integration in information skills training and degree courses
2. Visual resources online guide (libguides)
3. Artist residency for a student or researcher

Image: Art education students visit the Art education archive 2022.

A!

Integration to information skills training

Formal visual resources training (part of 1 ECTS credit):

- Digital cultural heritage
- Image databases
- Image search engines
- Evaluating quality
- Metadata
- Copyright and licenses
- Citation practices

Integration to course programmes:

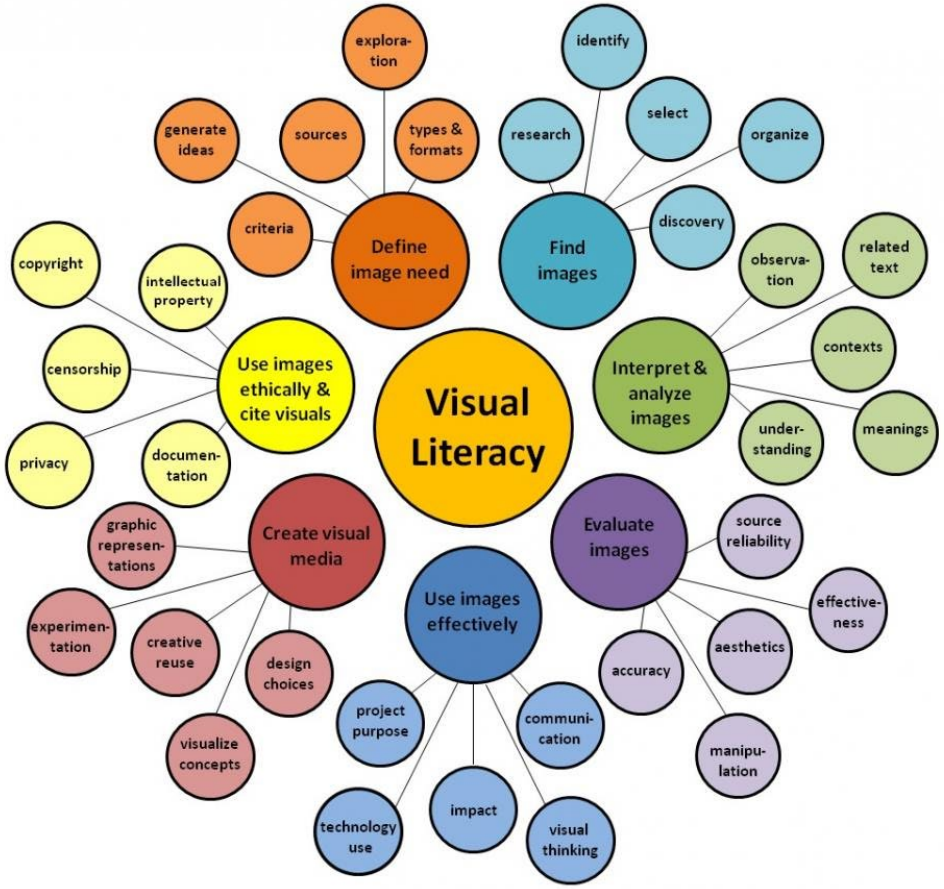
- **Visual research skills**
  (Knowledge making in fashion design,
  BA Thesis Seminar in Architecture)
- **Remix and heritage hacking**
  (Media Lab: Systems of Representation)
- **Cultural heritage skills**
  (Art education, Visual communication design)

Literacies

- **Information literacy**
- **Visual literacy**
- **NEW? Cultural heritage literacy**

Shared skills:

- finding and discovering
- accessing
- evaluating
- using
- creating
- sharing



Hattwig. K. et al. (2013). Visual Literacy Array based on ACRL's Visual Literacy Standards The Johns Hopkins University Press.

A!

Visual Resources Guide – ImagOA project (libguides)

The Visual Resources Guide

libguides.aalto.fi/vrc_eng

- Digital cultural heritage portals and image databases listed and described.
- Permitted uses of visual materials in theses, teaching, creative projects etc.
- Creative Commons licenses.
- Citation practices.
- Licensed with CC-BY, copied and modified for their own use by many Finnish University Libraries.

ImagOA Received funding from Ministry of Education and Culture and was carried out in cooperation between Aalto University and University of the Arts, Helsinki.

Visual Resources Centre: Visual arts

Search this Guide | Search

VRC | Visual resources | VRC space and equipment | Training | How to use images | Creative Commons licenses | Citation methods

Photographs as personal information | Suomeksi | ImagOA-manual på svenska

Visual resources for visual arts

Are you looking for high quality digital reproductions of works of art from specific periods or artists, or do you want to explore certain themes? Digitised works of art are available from museum's own image databases as well as portals that bring together a variety of organisations. ARTstor offers ca. 3 million high resolution images for Aalto University students and staff from significant museums, galleries, libraries and archives. In Finland digital cultural heritage is available from the Finna search service, while more widely European collections can be searched from Europeana.

Resources marked with a lock 🔑 are usable within the Aalto University network and usable remotely

Visual resources for visual arts

International resources | Finnish resources

- Bloomsbury Video Library 🔑
- ARTstor 🔑
- Artsy
- Art UK
- Biodiversity Heritage Library ♥
- Bridgeman Images
- Digital Public Library of America DPLA
- e-Museum Japan
- E-varamu (Estonian e-repository)
- Europeana ♥

Rijksmuseum

Requirements for using images in a thesis

1. All contributors must be mentioned, for example, the photographer, architect, visual artist and performing artist. Provide the author information even if you have taken the picture yourself.

2. If there are identifiable people in a picture, the picture contains personal data. Personal data should be dealt with in accordance with the General Data Protection Regulations (GDPR). For more information see the section "Photographs as Personal Information" in the Guide.

Citation practices in bibliography and text

Adding references into a bibliography | Image from a book or journal | Image from website | CC-licensed image | Image from an image database | Still image from a movie

Format

Author, A. (Year). Title of Work. [Format]. Date accessed. Place work resides. License type: link to license deed.

Reference in APA style

Figure #. NASA (2011). Seeing red [photograph]. Retrieved from https://www.flickr.com/photos/gsfc/6189010331/ CC-BY: https://creativecommons.org/licenses/by/2.0/

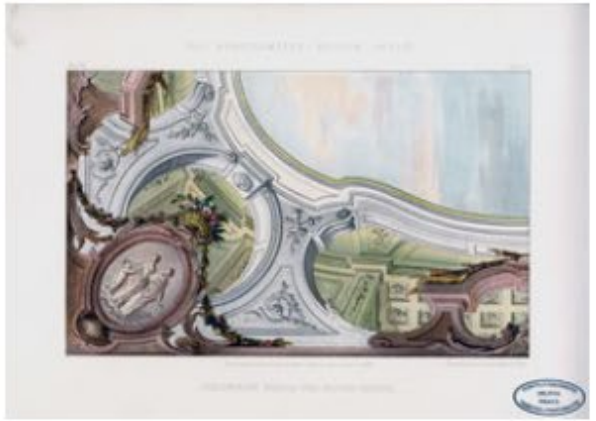
Artist residency for graduating student or researcher

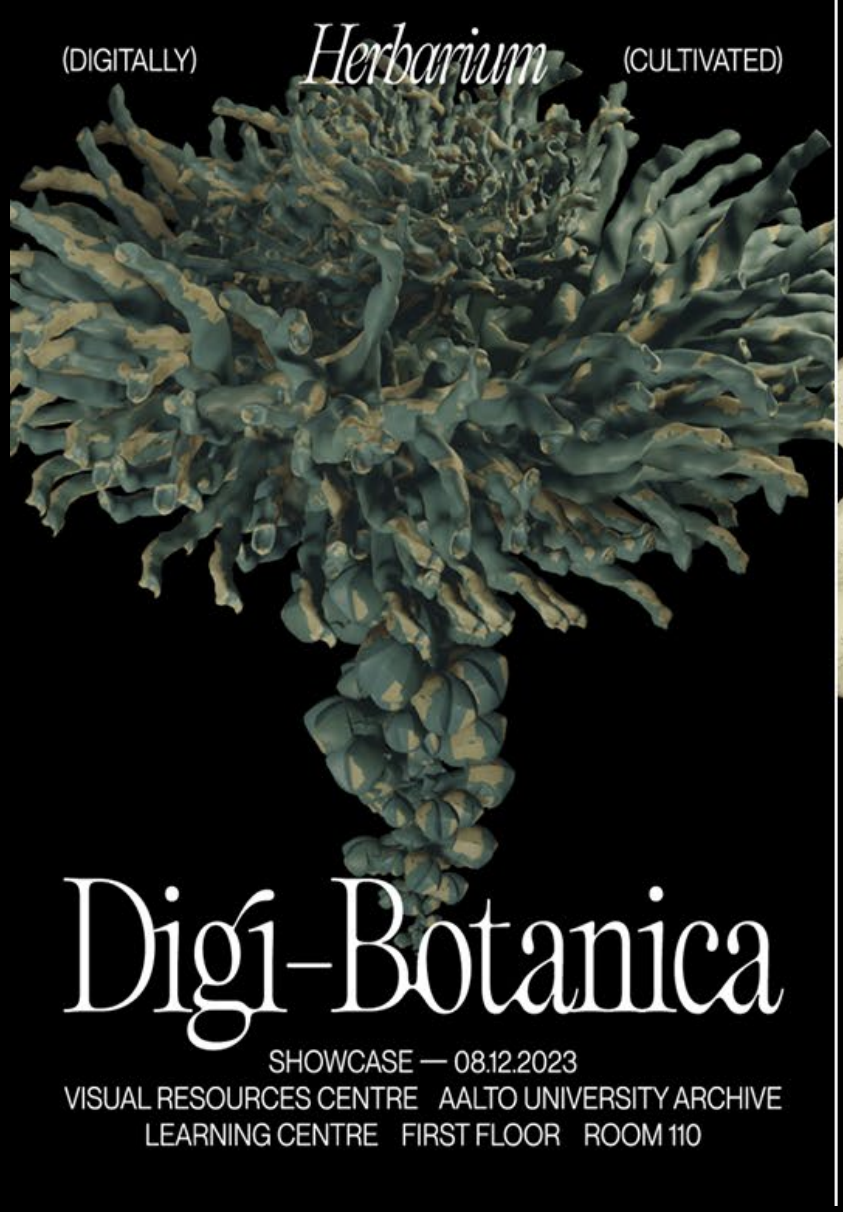
Student or researcher is invited to make an active exploration of the University digital collections:

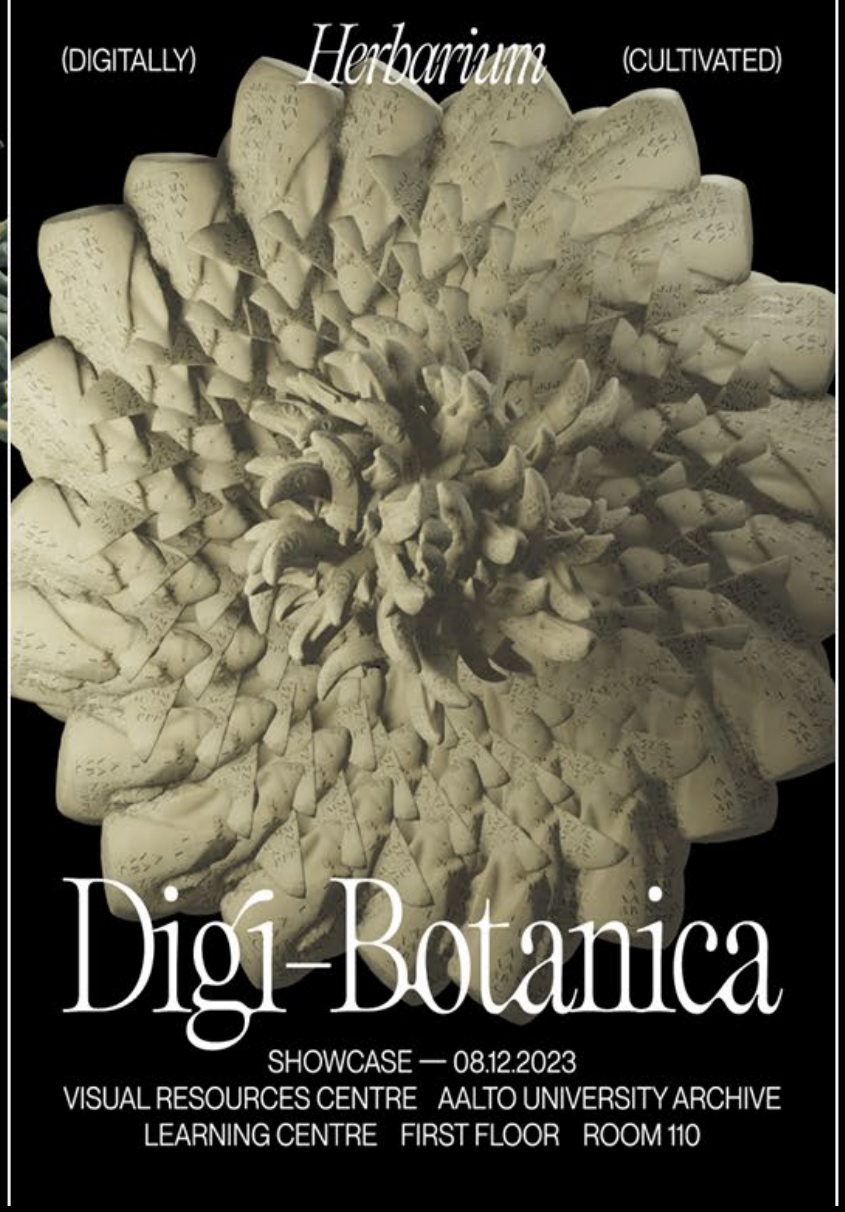
- Instruction to collections given by archivists and librarians
- Interviews
- Selection of collections or items to work with
- Creative project work
- Exhibition
- Theses presentations

Anjori Tandon: MA Visual Communication Design. VRC Residency 2023. https://anjoritandon.com/Digi-BOTANICA

Plate books: public domain visual material used in teaching became Anjori's MA project. Digi-Botanica https://anjoritandon.com/Digi-BOTANICA




(DIGITALLY)
Herbarium
(CULTIVATED)
Digi-Botanica
SHOWCASE — 08.12.2023
VISUAL RESOURCES CENTRE AALTO UNIVERSITY ARCHIVE
LEARNING CENTRE FIRST FLOOR ROOM 110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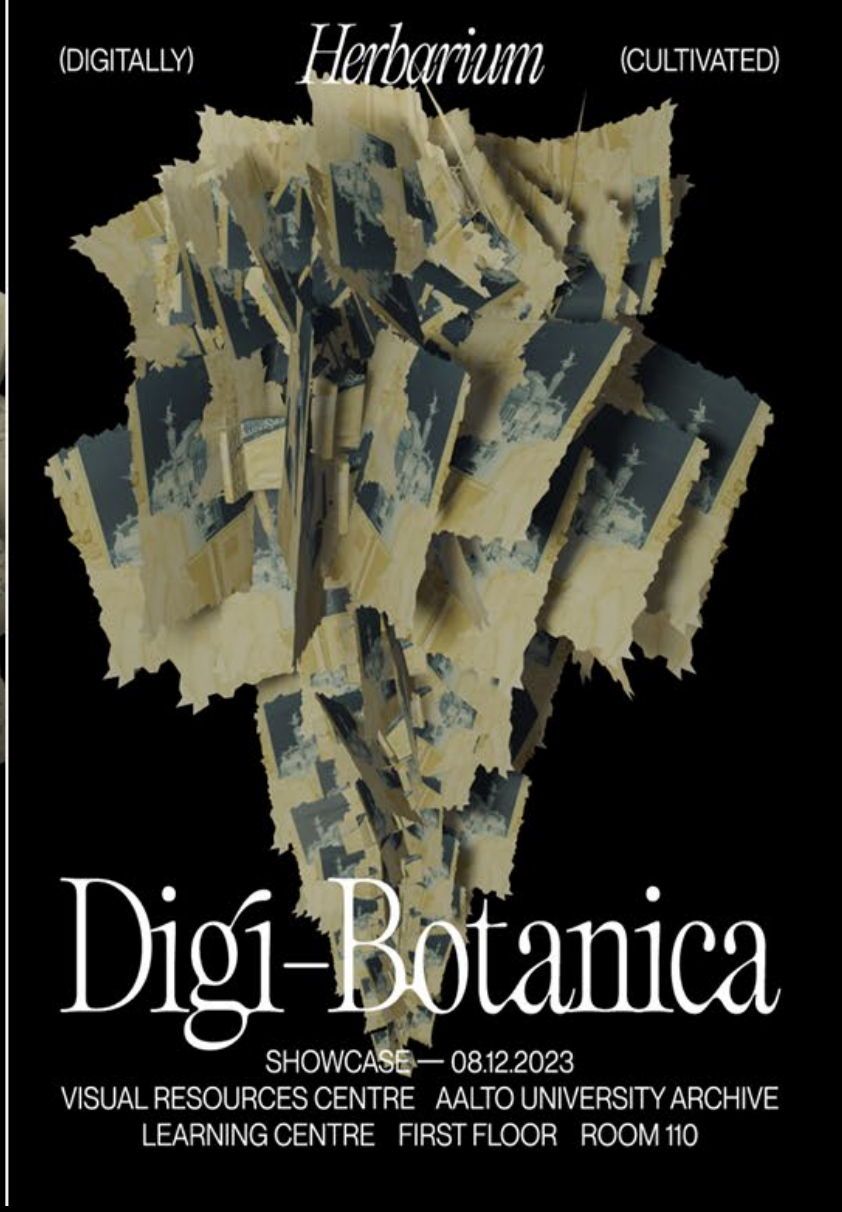
(DIGITALLY)
Herbarium
(CULTIVATED)
Digi-Botanica
SHOWCASE — 08.12.2023
VISUAL RESOURCES CENTRE AALTO UNIVERSITY ARCHIVE
LEARNING CENTRE FIRST FLOOR ROOM 110

Specimen of 'Digi-Botanica'
DIGITALLY CULTIVATED USING ASSETS FROM THE VISUAL RESOURCES CENTRE AT AALTO ARCHIVE

A!

Specimen
01

ACTIVATING THE ARCHIVE THROUGH GENERATIVE SYSTEMS

Remaking Images from
the Aalto Rare Books Collection

VOLUME I

Siri Bachmann

VOLUME I

INTRODUCTION	4
THE SYSTEM	7
INDEX	13
COMPOSITIONS (PART A)	
PAGES 39	48
PAGES 22	156
PAGES 30	296
PAGES 1	420

VOLUME II

COMPOSITIONS (PART B)	
PAGES 4	552
PAGES 6	676
PAGES 15	800
PAGES 3	900
PAGES 10	976
PAGES 9	1034
PRINTS	1065

ACTIVATING THE ARCHIVE THROUGH GENERATIVE SYSTEMS

Remaking Images from
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Siri Bachmann

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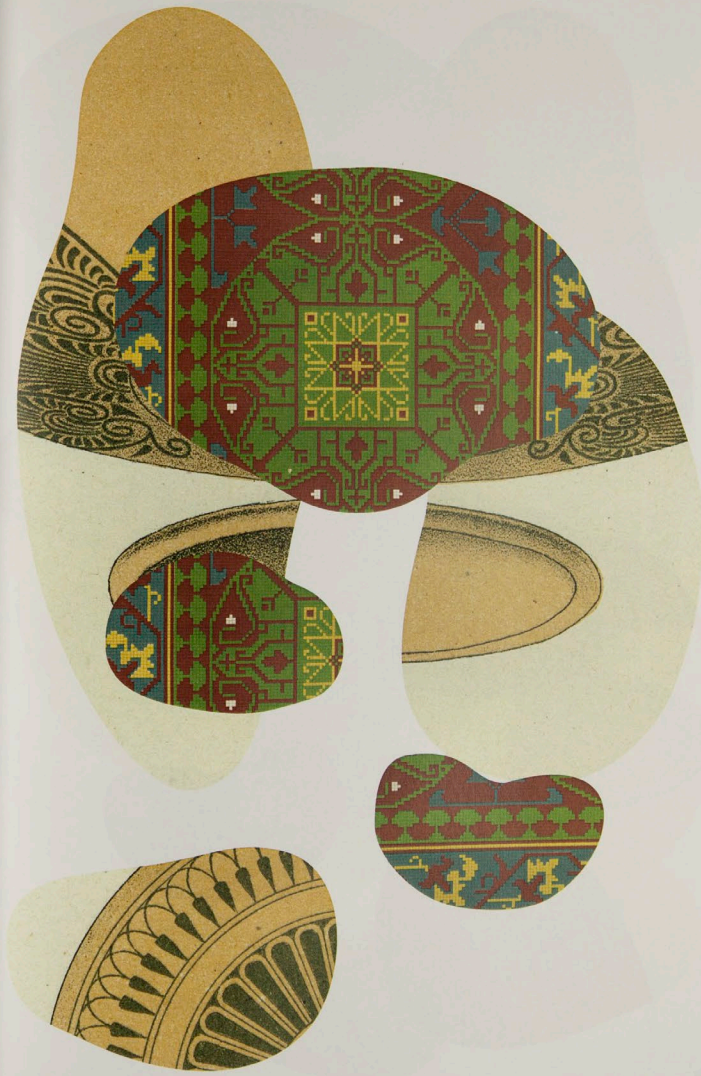

Die antiken
Thongefässe — TAFEL III
La Tapisserie
Gothique — 5
Neue einfache
Pflanzenornamente — 5

Kulturgeschichtliches
Bilderbuch aus drei
Jahrhunderten — PAG. 59
Die Griechischen
Vasen — TAF. XXXIX

Presentation outcomes

Digital cultural heritage is a rich, underutilised and unfamiliar resource for learners in the creative fields.

Digital cultural heritage use requires skills that could be better taken into account in information literacy training.

The role of the Librarian or Archivist can also be curatorial, educational and facilitating interactions.

marika.sarvilahti@aalto.fi

A!