



# AI THESIS FAIR

# 13 OCTOBER, 2023

## IMPORTANT DATES

19 SEPTEMBER 2023  
AI Projects on Marketplace  
become available

19 SEPTEMBER 2023  
Information Session- presentation  
on the AI Thesis Fair, and voting  
begins

19 SEPTEMBER – 26 SEPTEMBER  
Voting is open

6 OCTOBER 2023  
Deadline for uploading  
CVs to platform

13 OCTOBER 2023  
9:00 – 13:00  
AI Thesis Fair!

ORGANIZED BY IVI  
UNIVERSITY OF AMSTERDAM

## QUESTIONS?

[informatics.amsterdam/student-FAQs](https://informatics.amsterdam/student-FAQs)  
[ThesisFair-IVI@uva.nl](mailto:ThesisFair-IVI@uva.nl)

# Session Information

- The slides from this session will be made available to you on the Thesis Fair website.
- We will not be going over your thesis today. A separate Thesis Information Session will be held by your program.
- The presentation will start with information unrelated to the Thesis Fair: LAB42 SME Clinic. This is an exciting **paid** opportunity for students who are interested and have time/the desire to do a project unrelated to coursework and the Thesis.

## Important links:

Thesis Fair website: <https://informatics.amsterdam/#student-faqs>

Thesis Fair Platform: <https://thesisfair.ivu.uva.nl/>

Thesis Fair Marketplace: <https://thesisfair.ivu.uva.nl/marketplace>



UvA

SME

DATALAB

42

# Introduction

- The SME DataLAB 42 is part of the larger proposal called The ROBUST Long-term Program which aims to assist Small and Medium Sized Enterprises with the application of Artificial Intelligence and digitization. Six AI SME Clinic will be developed across the Netherlands with one at the UvA
- At the UvA, the SME Clinic will be called **SME DataLAB 42** and will operate from LAB42

# Datalab Sprint

- Project carried out by a student at an SME under the guidance of a project leader. Project delivers a predetermined deliverable. The project is defined data project solves a concrete issue, with the entrepreneurial question central. From trend analysis, to dashboard development or even predictive models. Working with bachelor or master students in data science, informatics, Artificial Intelligence and others.

# Datalab Sprint

- 8-10 weeks
- 60-80 working hours total or 6-10 hrs per week
- Pay is € 1500 for the student
- Intake for students is currently happening!

Interested or have  
Questions?

Siddique Sheikh  
s.sheikh@uva.nl

Back to the Thesis Fair!



# What is the Thesis Fair

The AI Thesis Fair is the opportunity for you to meet with external organisations and research groups and discuss their offered projects with the hope that you will match with one of them.

In order to participate in the AI Thesis Fair you must vote for projects on the Thesis Fair platform. There is no ranking. The order your votes appear are not indicative of first, second or third preference, etc.

The voting is just to provide some direction for the day. It is equally designed to give you the chance to thoroughly read and review projects and organizations. You will have the opportunity to meet with every single organisation at the event. Please note that there are no set meetings.

The booths/organisations are split between three separate sections of the KIT, with a total of more than 40 organisations across the venue. Students will be split into three separate groups and each group will have an hour and 10 minutes per section. After each hour is up, your group will be rotated to the next section.

## **Important links:**

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# AI Thesis Fair Program – Afternoon of Friday, 13 October

**Registration:** 9:00 at the Royal Tropical Institute (KIT)

**Open Marketplace:** 9:30 – 13:00

**Round 1:** 9:30 – 10:40

**Round 2:** 10:40 – 11:50

**Round 3:** 11:50 – 13:00

**Lunch:** 13:00 – 13:30

You may return at 17:00 for the Borrel

**Borrel:** 17:00 – 18:00

YOU MUST VOTE FOR  
PROJECTS IN ORDER  
TO PARTICIPATE IN THE  
AI THESIS FAIR

# Project Marketplace – not logged in

## Project Marketplace

This page shows the project for all upcoming Thesis Fairs, as well as the projects that have been specifically put onto the marketplace.

[Hide headings](#)[Show tag filters](#)[Back to Login](#)[MSc AI +](#)[MSc CS ✕](#)[MSc CLSJD ✕](#)[MSc IS - IS ✕](#)[MSc IS - DS ✕](#)[MSc Logic ✕](#)[MSc SE ✕](#)

### Air France KLM Group

[> Federated Learning in Aircraft Predictive Maintenance](#)[Thesis Fair & AI Thesis Fair](#)

### Amsterdam UMC: Department of Radiology and Nuclear Medicine

[> 3D modelling of signal dynamics in quantitative MRI using state-of-the-art methods in deep learning and differential equations](#)[Thesis Fair & AI Thesis Fair](#)

### Amsterdam UMC: Plastic Reconstructive & Hand Surgery; Molecular Cell Biology & Immunology

[> Computational modeling of the post-burn immune response](#)[Thesis Fair & AI Thesis Fair](#)

# Thesis Projects

- All projects are listed on the Thesis Marketplace: <https://thesisfair.ivu.uva.nl/marketplace>
- When you are logged into the platform you will automatically see only the projects available for your program. The other program tabs will be not turned on
- **DO NOT VOTE FOR PROJECTS THAT ARE NOT FOR YOUR PROGRAM**
- There are two types of projects:
  - Internal projects with one of our Research Groups (you can filter for these by typing in University of Amsterdam into the filter).
    - You can contact the researcher who posted the internal project directly if you are interested.
  - External projects with an external organisation (usually matched through the Thesis Fair)
    - Some external organisations are not participating in the Thesis Fair but have submitted projects to the Marketplace. You can contact them directly if you are interested in one of those projects.



## Important links:

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Thesis Fair Platform: <https://thesisfair.ivu.uva.nl/>

Thesis Fair Marketplace: <https://thesisfair.ivu.uva.nl/marketplace>


# Thesis Fair Platform – after logging in




Account




Events



Orgs



Marketplace



Logout

## Account information

First Name

Family Name

Email

Phone number

Update personal information

## Your Studies

- MScAI

## Your Curriculum Vitae

Upload CV

*By uploading your CV you agree to share your CV with the participating organisations*

## Profile Sharing Permissions

*The options below determine which organisations can see your profile and uploaded CV*

Give all companies access

## Links

*I.e. your LinkedIn/websites/GitHub/blog posts*

# Thesis Fair platform - Upload CV

The screenshot displays the Thesis Fair platform interface. On the left, a green sidebar contains navigation icons for Account, Events, Orgs, Marketplace, and Logout. The main content area shows a user profile for 'Anneke' with email 'test-ai@tf.co'. Below the profile, there is a 'Your St' section with 'MScAI' and a 'Your C' section with an 'Upload CV' button. A modal dialog is open over the 'Upload CV' button, showing a file explorer view. The dialog lists two files: 'AI.Annake Smit.CV' and 'CS.Annake Smit.CV', both of type 'Adobe Acrobat D...' and size '263 KB'. The 'File name' field at the bottom of the dialog is set to 'AI.Annake Smit.CV'.

**First Name**  
Anneke

**Email**  
test-ai@tf.co

**Update pers**

**Your St**  
• MScAI

**Your C**  
**Upload CV**

By uploading y

**Profile**  
The options be

**Give all com**

**Links**  
I.e. your LinkedIn/websites/GitHub/blog posts

Name	Date modified	Type	Size
AI.Annake Smit.CV	18/09/2023 16:41	Adobe Acrobat D...	263 KB
CS.Annake Smit.CV	18/09/2023 16:42	Adobe Acrobat D...	263 KB

File name: AI.Annake Smit.CV

All Files







Open

# The Dream Project - Voting

**When voting for projects and you are unsure which to vote for, ask yourselves the following questions:**

- What research theme do you like or want?
- Do you like to work in a small or large company?
- Working on a team or alone?
- What kind of guidance do you want or need?
- What kind of skills/expertise do you have/want to develop?
- What kind of data do you want to have access to?
- Does the project require English or Dutch?
- What are the working conditions?

# Marketplace Voting – Correct Program



## Project Marketplace

This page shows the project for all upcoming Thesis Fairs, as well as the projects that have been specifically put onto the marketplace.

Hide headings

Show tag filters

MSc AI ✕

MSc CS +

MSc CLSJD +

MSc IS - IS +








MSc IS - DS +

MSc Logic +

MSc SE +

Search projects

### 3DUniversum

> Automated floorplan generation using RGB-D data	AI Thesis Fair	
> DeepFakes - Audio based editing of talking faces	AI Thesis Fair	
> Mobile Monocular 3D Reconstruction	AI Thesis Fair	
> NeRF Recoloring	AI Thesis Fair	
> PanoTo3Dmodel	AI Thesis Fair	
> Perceived Color Enhancement	AI Thesis Fair	
> View Consistent Semantic Segmentation for Videos and Panorama Images	AI Thesis Fair	

### Projects you have voted on

You have not voted for any project



# Marketplace Voting– Research Tags Filter

The screenshot displays the 'Project Marketplace' interface. On the left is a green sidebar with icons for Account, Events, Orgs, Marketplace, and Logout. The main content area has a header 'Project Marketplace' with a description: 'This page shows the project for all upcoming Thesis Fairs, as well as the projects that have been specifically put onto the marketplace.' Below this are two buttons: 'Hide headings' and 'Hide tag filters' (highlighted in yellow). The 'Filter on tags' section includes a 'Category' dropdown menu with options: 'Amsterdam Machine Learning Lab' (selected), 'Computational Science Lab', 'Computer Vision', and 'Digital Interactions Lab'. To the right of the category menu are 'Tags' and 'Currently selected' sections. The 'Tags' section lists: 'Probabilistic Modeling and Bayesian Machine Learning +', 'Geometric Deep Learning +', 'Reinforcement Learning +', 'Causality +', and 'Probabilistic Programming +'. The 'Currently selected' section is empty. Below the filters is a horizontal bar with selected filters: 'MSc AI X', 'MSc CS +', 'MSc CLSJD +', 'MSc IS - IS +', 'MSc IS - DS +', 'MSc Logic +', and 'MSc SE +'. A search bar labeled 'Search projects' is positioned below the filter bar. The '3DUniversum' section shows a list of projects: 'Automated floorplan generation using RGB-D data' and 'DeepFakes - Audio based editing of talking faces'. Each project entry includes a green 'AI Thesis Fair' tag and a heart icon for voting. On the right side of the interface, a section titled 'Projects you have voted on' states: 'You have not voted for any project'.

**Project Marketplace**

This page shows the project for all upcoming Thesis Fairs, as well as the projects that have been specifically put onto the marketplace.

**Hide headings** **Hide tag filters**

**Filter on tags**

**Category**

- Amsterdam Machine Learning Lab
- Computational Science Lab
- Computer Vision
- Digital Interactions Lab

**Tags**

- Probabilistic Modeling and Bayesian Machine Learning +
- Geometric Deep Learning +
- Reinforcement Learning +
- Causality +
- Probabilistic Programming +

**Currently selected**

MSc AI X MSc CS + MSc CLSJD + MSc IS - IS + MSc IS - DS + MSc Logic + MSc SE +

Search projects







**3DUniversum**

- > Automated floorplan generation using RGB-D data AI Thesis Fair
- > DeepFakes - Audio based editing of talking faces AI Thesis Fair

**Projects you have voted on**

You have not voted for any project

# Marketplace Voting– Voting










## Project Marketplace

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Hide headings


Show tag filters

MSc AI  MSc CS  MSc CLSJD  MSc IS - IS  MSc IS - DS  MSc Logic  MSc SE 

Search projects


> 3D modelling of signal dynamics in quantitative MRI  
using state-of-the-art methods in deep learning and differential equations

Thesis Fair & AI  
Thesis Fair




> Bayesian networks for Physics-informed deep learning of quantitative MRI

Marketplace only



> Deep learning techniques for contouring MRI


Marketplace only



### Amsterdam UMC: Plastic Reconstructive & Hand Surgery; Molecular Cell Biology & Immunology

> Computational modeling of the post-burn immune response


Thesis Fair & AI  
Thesis Fair



### Projects you have voted on


> 3DUniversum - DeepFakes - Audio based editing of talking faces

AI Thesis Fair



> Air France KLM Group - Federated Learning in Aircraft Predictive Maintenance

Thesis Fair & AI  
Thesis Fair



# Marketplace Voting – Watch out!

Search projects

Graph for Digital Twins

Thesis Fair

> How do Large Language Models Learn Factual Knowledge? Studying an Open Source Language Model:

Marketplace only

> Knowledge Base Construction from Pre-trained Language Models

Marketplace only

University of Amsterdam: IRLab

> Complex Reasoning in Tables

Marketplace only

> Investigating and Enhancing Open Domain Relevance Metrics for Task-Oriented Dialogue Systems

Marketplace only

> Learning to Adapt to Domain Changes in Time Series Data

Marketplace only

University of Amsterdam: Language Technology

Projects you have voted on

> Air France KLM Group - Federated Learning in Aircraft Predictive Maintenance

Thesis Fair & AI Thesis Fair

> Axini - Test case generation and selection strategies

General Thesis Fair

> Elsevier - Evaluation of Large Language Models with Custom Data

Thesis Fair & AI Thesis Fair

> Gigstarter - GigSuite & GigCoin

General Thesis Fair

> University of Amsterdam: IRLab - Generating Explanations for Multifaceted Movie Recommendations in Conversational Recommender Systems

Marketplace only

# Marketplace Voting - Voting

Vote for many projects from many different organisations. Take a look at all available for your program, you may be surprised!

**Voting starts today, 19 September at 17:00 and closes on 26 September at 17:00**

# Your CV and Professionalism

Treat each discussion with an organisation like a job interview and be prepared to discuss the projects and research areas.

Wear professional clothes and have a clean/tidy appearance.

Prepare questions and do your research for each organisation you meet with - know what the organisation does and their mission.

Maintain eye contact if possible.

Be confident but not cocky, listen to their questions and be sure to answer them.

Be respectful.

Even if you do not do a project with an organisation, there is a chance you will meet or work with some of these people in the future. Do not burn any bridges!

# During the Meetings

- Ask if the representative can see your CV (you should have uploaded your CV to the platform)
- Introduce yourself
- Ask for their name or look at their nametag. Use their name throughout the discussion
- Take notes
- Ask your prepared questions and ask open questions
- Check that your ideas and assumptions of the organisation are correct
- Check that your ideas and interpretations of the project(s) are correct
- Agree upon further contact and how to contact

# Your CV - What to put on your CV

## Basic information:

- First and surname
- LinkedIn
- Github
- Website
- Email
- Mobile number
- Address

Program name and how long your thesis is

## Include the following descriptions:

- Profile: Describe your skills, expertise and ambition in 2-3 sentences each
- Education: Which schools you have attended
- Work experience: Short sentences with job description and competencies
- Chosen set of courses and research areas of interest
- Internships and volunteering
- A photo is optional but encouraged

# Your CV - useful tools and materials

- UVA Careers website - <https://student.uva.nl/en/topics/uva-student-careers-centre>
- Harvard University Careers - <https://ocs.fas.harvard.edu/resumes-cvs-cover-letters>
  - Video on how to write a CV
  - Do's and don'ts
  - Action verbs for your CV



# Follow-up After the AI Thesis Fair

Do you have enough information? If not, then do some research.

Email or call the companies of your preference. Use the agreed upon contact method.

Make an appointment to meet with them further.

Note: please remember that a contract is a binding agreement. Only sign the contract if you are sure that you are going to undertake your thesis with them.

# Internship Agreements - NDAs

Please contact [internshipagreement-science@uva.nl](mailto:internshipagreement-science@uva.nl) for questions.

A detailed description of the new policy can be found [here](#). You may also find a sample internship agreement form [here](#).

- The UNL model internship agreement is established in consultation with the business community.
- It considers the duty of care and educational task of universities, as well as the competitive position of companies.
- The agreement is applicable to all higher education institutions in the Netherlands and is exclusively for internships within the country.
- No additional Non-Disclosure Agreements or other agreements are accepted.
- Trade secrets and intellectual property rights are adequately protected through the model internship agreement and the national collective labor agreement.
- There is a two-week response period for the removal of confidential information in the thesis or presentation.
- If the internship provider does not respond within this period, the internship report may be published in full and the presentation will continue.
- Exceptions to the agreement, such as longer embargo periods or confidential appendices, must be indicated in the internship agreement form.

# Contacts and points of information

Questions about the Thesis Fair? Visit our Student FAQs on <https://informatics.amsterdam/#student-faqs> if you cannot find the answer there, then email [thesisfair-lvl@uva.nl](mailto:thesisfair-lvl@uva.nl)

This presentation will be published on the Thesis Fair Student FAQs page.

- If you have any personal concerns or issues please contact your Study Advisor, Cecilia Sigvardsdotter: [A.K.C.Sigvardsdotter@uva.nl](mailto:A.K.C.Sigvardsdotter@uva.nl) (for all programmes except Msc Logic)
- If you have any specific questions about your thesis, please contact your Thesis Coordinator/Thesis Trajectory Coordinator/Master Project Coordinator
- If you still have questions after using these resources, then you can email us at [thesisfair-lvl@uva.nl](mailto:thesisfair-lvl@uva.nl). Please note that if you come to us with questions that can be answered by the Thesis Fair website, we will redirect you back to the website.

# Questions from students

Thank you  
and  
good luck!