



AI THESIS FAIR

15 OCTOBER, 2024

IMPORTANT DATES

17 SEPTEMBER 2024
AI Projects on Marketplace
become available

17 SEPTEMBER 2024
Information Session- presentation
on the AI Thesis Fair, and voting
begins

17 SEPTEMBER - 25 SEPTEMBER
Voting is open

8 OCTOBER 2024
Deadline for uploading
CVs to platform

15 OCTOBER 2024
8:30 - 12:45
AI Thesis Fair!

ORGANIZED BY IVI
UNIVERSITY OF AMSTERDAM

QUESTIONS?
ThesisFair-IVI@uva.nl

Informatics Institute
Institute for Logic, Language, and Computation
Thesis Fair
informatics.amsterdam

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 and Thesis Coordinator.
- 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.
- Are you all Year 2+ MSc AI students from UvA? Is there anyone from the VU here or in their first year?

Important links:

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

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

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



UvA

SME

DATALAB

42

Introduction

- The SME DataLAB 42 is part of the larger proposal called The ROBUST Long Term Program
- At the UvA, the SME DataLAB 42 project will be under the LAB42 umbrella

SME DataLAB 42 Activities

- They will be three major activities undertaken by the SME DataLAB 42 project at the UvA:
 - Datalab Sprint
 - Datalab Workshop (Masterclasses)
 - Data Buddy Project

Data Buddy Project

- Unclear where to start with data in your business, or not sure of a project
- Gather insights on the company to find how they can use data to help solve their problem(s)
- €1.500 Euros
- 40 hrs total over 5 weeks*

Masterclass

- Present a workshop (1.5 – 2 hrs) on a specific AI or data topic to a group of companies
- Students assist on the day of workshop
- Provide 1-hour student support after the session (virtual)
- €25 per hour

Datalab Sprint

- Project carried out by a student at an SME/MKB under the guidance of a project leader.
- Project delivers a predetermined deliverable, the project is defined data project solves a concrete issue
- Deliverables can trend analysis, dashboard development or even predictive models.

Datalab Sprint

- 8-10 weeks
- 60-80 working hours total or 6-10 hrs per week
- € 1.500 cost for the company*

Intake Procedure

- Email to show interest and will be added to mailing list
- Apply for interested project proposals through emailing CV and short (1-2 paragraph) motivation and 'fit' to project
- Skills and personality fit evaluated
- Administrative process cleared

Contact Info

Smedatalab42@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 per section. After each hour is up, your group will be rotated to the next section.

Important links:

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

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

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

AI Thesis Fair Program – Afternoon of Tuesday, 15 October

Registration: 8:30 at the Royal Tropical Institute (KIT)

Open Marketplace: 9:15 – 12:15

Round 1: 9:15 – 10:15

Round 2: 10:15 – 11:15

Round 3: 11:15 – 12:15

Lunch: 12:15 – 12:45

Please leave at 12:45 as the next event must begin.

You may return at 17:30 for the Borrel

Borrel: 17:30 – 18:30

**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.

Show tag filters

Back to Login

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

Search projects

- > Ahold Delhaize - Improving product search at Albert Heijn with personalized features Marketplace only
- > Amsterdam UMC: Department of Radiation Oncology - Neuro radiation oncology Thesis Fair & AI Thesis Fair
- > Crunchr - Driver Analysis for HR General Thesis Fair
- > Elsevier - Advancing Semantic Search: Large Language Models for Academic Content Retrieval Thesis Fair & AI Thesis Fair
- > Elsevier - Automated abstract generation for patent documents Thesis Fair & AI Thesis Fair
- > Elsevier - Chemical Impurity Prediction Thesis Fair & AI Thesis Fair
- > Elsevier - Detecting and measuring the contamination of training data inside the memory of an LLM Thesis Fair & AI Thesis Fair
- > Elsevier - Efficient Information Extraction from long documents Thesis Fair & AI Thesis Fair
- > Elsevier - Exploring Chemistry Related Large Language Models (LLMs) 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.

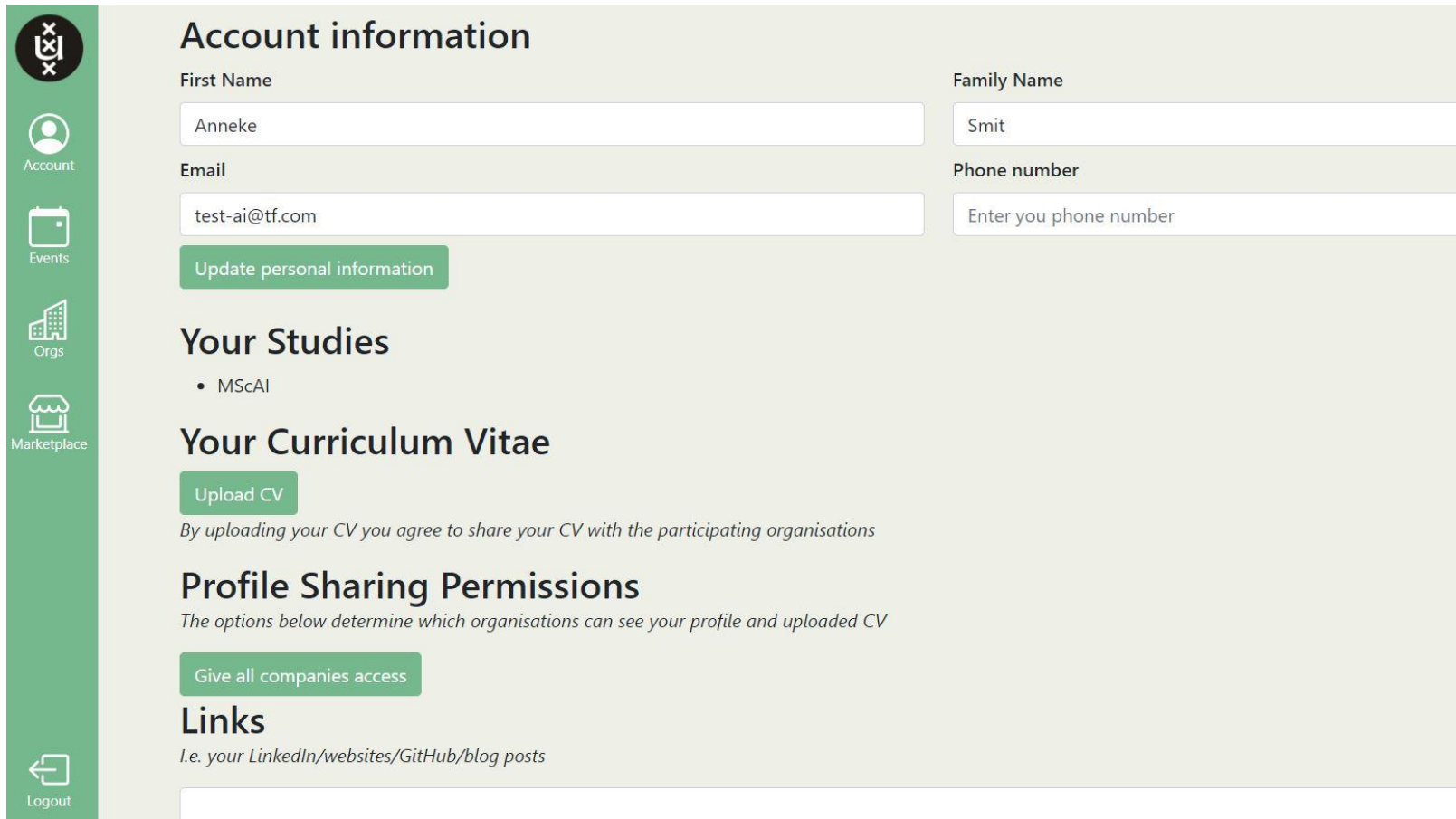
Important links:

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>

Thesis Fair Platform – after logging in



The image shows a user interface for the Thesis Fair Platform. On the left is a green vertical sidebar with icons and labels for 'Account', 'Events', 'Orgs', 'Marketplace', and 'Logout'. The main content area is light green and contains several sections: 'Account information' with input fields for First Name (Anneke), Family Name (Smit), and Email (test-ai@tf.com), and a 'Phone number' field with the placeholder 'Enter your phone number'. Below this is a green 'Update personal information' button. The 'Your Studies' section shows a list with 'MScAI'. The 'Your Curriculum Vitae' section has an 'Upload CV' button and a note: 'By uploading your CV you agree to share your CV with the participating organisations'. The 'Profile Sharing Permissions' section has a 'Give all companies access' button and a note: 'The options below determine which organisations can see your profile and uploaded CV'. The 'Links' section has a note: 'I.e. your LinkedIn/websites/GitHub/blog posts' and a partially visible input field.



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

Account

Events

Orgs

Marketplace

Logout

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' listed. The 'Your C' section features an 'Upload CV' button and the text 'By uploading'. The 'Profile' section includes the text 'The options be'. The 'Links' section has the text 'i.e. your LinkedIn/websites/GitHub/blog posts'. A file upload dialog is open, showing a table of files:

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

The dialog also shows 'File name: AI.Annake Smit.CV' and an 'Open' button.

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

The screenshot displays the 'Project Marketplace' interface. On the left is a green sidebar with navigation icons for Account, Events, Orgs, Marketplace, and Logout. The main content area features a title 'Project Marketplace' and a subtitle: '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 'Show tag filters'. A horizontal bar contains several filter tags: 'MSc AI' (highlighted in yellow with a red '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 filters. The main content is divided into two sections. The first section, titled '3DUniversum', lists seven projects, each with a right-pointing chevron, a title, an 'AI Thesis Fair' tag, and a heart icon for voting. The projects are: 'Automated floorplan generation using RGB-D data', 'DeepFakes - Audio based editing of talking faces', 'Mobile Monocular 3D Reconstruction', 'NeRF Recoloring', 'PanoTo3Dmodel', 'Perceived Color Enhancement', and 'View Consistent Semantic Segmentation for Videos and Panorama Images'. The second section, titled 'Projects you have voted on', contains the text '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 Show tag filters

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
- > 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' and a sub-header '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). A 'Filter on tags' section includes a 'Category' dropdown menu with options like 'Amsterdam Machine Learning Lab' (selected), 'Computational Science Lab', 'Computer Vision', and 'Digital Interactions Lab'. To the right, 'Tags' are listed as 'Probabilistic Modeling and Bayesian Machine Learning', 'Geometric Deep Learning', 'Reinforcement Learning', 'Causality', and 'Probabilistic Programming'. A 'Currently selected' section shows a row of tags: 'MSc AI', '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 tags. The bottom of the page shows a list of projects under the heading '3DUniversum', including 'Automated floorplan generation using RGB-D data' and 'DeepFakes - Audio based editing of talking faces', each with an 'AI Thesis Fair' tag and a heart icon. To the right, 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

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 CLSID MSc IS - IS MSc IS - DS MSc Logic MSc SE

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

- > 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

CMU

- > Computational modeling of the post-burn immune response Thesis Fair & AI Thesis Fair

Projects you have voted on

- > 3DUiversum - 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 Only 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 different organisations. Take a look at all available projects for your program, you may be surprised!

Voting starts today, 17 September at 17:00 and closes on 25 September at 17:00

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

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, how long your thesis is, and which time period you will be available for the project.

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 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

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 Sigvardsson: A.K.C.Sigvardsson@uva.nl (only for MSc AI).
- If you have any specific questions about your thesis, please contact your Thesis Coordinator/Thesis Trajectory Coordinator/Master Project Coordinator. **THIS IS NOT US.**
- If you still have questions after using these resources, then you can email us at 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!