

EXPERIMENTS

Collectively Training an AI Chatbot (Jobst Heitzig and Bob Jacobs)

Using a consensus-seeking interactive voting tool, we will collectively decide how an AI chatbot should respond to certain sample questions. This is a social-choice version of what OpenAI and Anthropic are currently using to fine-tune ChatGPT and Claude. If you want to start early, visit amsterdam.vodle.it.

Electing Sequences of Committees (Robert Brederbeck and Paula Böhm)

Take part in our experiment on the election of a sequence of committees. What would be fair? And can you manipulate? Note that the way you vote will determine the kind of sweets to be served at the next coffee break.

Exploring Fairness in Rent Division under Budgets (Anaëlle Wilczynski)

Choose which solution you prefer in the context of sharing a flat between you and your friends, where both an allocation of rooms to flatmates and everyone's payment must be decided upon. (Joint work with Stéphane Airiau, Hugo Gilbert, Umberto Grandi, and Jérôme Lang.)

Diversity of Preference Domains (Clemens Puppe and Matthias Ammann)

Was society in ancient Rome more or less diverse than in medieval China? Is the UK more diverse than Germany? Identifying "societies" with domains of admissible preferences, we seek to answer such questions by eliciting intuitions about the diversity of preference sets by means of simple binary comparisons.

Explainability in Social Choice (Ulle Endriss and Oliviero Nardi)

Find out how to use computers to explain and justify election outcomes to people. Short presentations at 15:45 and 16:30. Or simply try it out for yourself at demo.illc.uva.nl/justify. (Joint work with Arthur Boixel.)

Working with Preference Data (Simon Rey)

Explore some of the platforms and tools that have been developed by the research community to work with datasets of reported preferences. We will focus on [PrefLib.org](https://preflib.org), and maybe similar platforms (such as [PobuLib.org](https://pobulib.org)).

COMSOC at the Open Day (Amsterdam Group)

How would you go about presenting your research field at a University Open Day or Science Festival? We have developed several games for people to casually engage with concepts from social choice and game theory. Try them, chat with us about outreach ... and maybe even win a prize!

SUMMER SCHOOL ON COMPUTATIONAL SOCIAL CHOICE

AMSTERDAM / JULY 2023

LUNCH OPTIONS

- Canteen at Science Park 904 (sandwiches and more)
- Café Neo at Matrix One (fixed price of €7.50, usually vegetarian)
- Polder (full restaurant, lunch dishes for €10-15)
- Maslow (full restaurant, lunch dishes for €10-15)
- Eetcafé Oerknal at Universum (sandwiches/burgers/pizza/etc.)
- Science Döner (food truck at entrance to Science Park)
- SPAR supermarket on Carolina MacGillavrylaan
- Microwaves available at Science Park 904 and LAB42

SOCIAL PROGRAMME

Monday: Welcome reception. Drinks and small snacks (vegan/vegetarian).

Tuesday: Meet near Angstig Konijn ([/// king.streaks.tiger](https://king.streaks.tiger)) in Flevopark from 18:00. Bring your own food and drinks. We'll organise some games. Swimming possible.

Wednesday: Meet at 14:45 at the canal below Hotel Okura ([/// grazed.video.fish](https://grazed.video.fish)) for the boat tour (starting at 15:00 sharp, returning by 18:00). Get to restaurant Hotel de Goudfazant ([/// bids.debit.martini](https://bids.debit.martini)) by 19:00 for group photo and dinner.

Friday: Farewell drinks, and small snacks (mostly vegan/vegetarian).

SCHEDULE

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 9:30 REGISTRATION				
9:30 – 10:45 WELCOME & INTRODUCTION ULLE ENDRISS	9:30 – 10:45 AXIOMATIC SOCIAL CHOICE 2 ZOI TERZOPOULOU	9:30 – 10:45 BEHAVIOURAL SOCIAL CHOICE 1 RESHEF MEIR	9:30 – 10:45 COMPUTING DESIRABLE COLLECTIVE DECISIONS 3 DOMINIK PETERS	9:30 – 10:45 BEHAVIOURAL SOCIAL CHOICE 3 RESHEF MEIR
Room L1.01 at LAB42	Room L1.01 at LAB42	Room L1.01 at LAB42	Room L1.01 at LAB42	Room L1.01 at LAB42
10:45 – 11:15 COFFEE BREAK	10:45 – 11:15 COFFEE BREAK	10:45 – 11:15 COFFEE BREAK	10:45 – 11:15 COFFEE BREAK	10:45 – 11:15 COFFEE BREAK 
11:15 – 12:30 AXIOMATIC SOCIAL CHOICE 1 ZOI TERZOPOULOU	11:15 – 12:30 FRUGAL AGGREGATION CLEMENS PUPPE	11:15 – 12:30 AXIOMATIC SOCIAL CHOICE 3 ZOI TERZOPOULOU	11:15 – 12:30 BEHAVIOURAL SOCIAL CHOICE 2 RESHEF MEIR	11:15 – 12:30 USING THE MAP OF ELECTIONS PIOTR FALISZEWSKI
Room L1.01 at LAB42	Room L1.01 at LAB42	Room L1.01 at LAB42	Room L1.01 at LAB42	Room L1.01 at LAB42
12:30 – 14:00 LUNCH BREAK	12:30 – 14:00 LUNCH BREAK	12:30 – 15:00 FREE TIME SUGGESTION: VISIT DE PIJP / ALBERT CUYP MARKET	12:30 – 14:00 LUNCH BREAK	12:30 – 14:00 LUNCH BREAK
14:00 – 15:15 COMPUTATIONAL COMPLEXITY FOR COMSOC BRITTA DORN	14:00 – 15:15 FAIRNESS AND OPTIMALITY IN MATCHING ANAËLLE WILCZYNSKI	Have lunch and find the boats!	14:00 – 15:15 SOCIAL CHOICE FOR MORAL AI VINCENT CONITZER	14:00 – 15:15 RUMP SESSION!
Room L1.01 at LAB42	Room L1.01 at LAB42	15:00 – 18:00 BOAT TOUR THROUGH THE CITY CENTRE	Room L1.01 at LAB42	Room L1.01 at LAB42
15:15 – 15:45 COFFEE BREAK	15:15 – 16:30 POSTERS! AND COFFEE BREAK		15:15 – 17:00 EXPERIMENTS! AND COFFEE BREAK	15:15 – 15:45 COFFEE BREAK
15:45 – 17:00 COMPUTING DESIRABLE COLLECTIVE DECISIONS 1 DOMINIK PETERS	Main Hall at Science Park 904		Main Hall at Science Park 904	15:45 – 17:00 CLOSING SESSION ULLE ENDRISS
Room L1.01 at LAB42	16:30 – 17:45 COMPUTING DESIRABLE COLLECTIVE DECISIONS 2 DOMINIK PETERS	Meet 14:45 on Jozef Israëlskade near Hotel Okura		Room L1.01 at LAB42
17:00 – 18:30 WELCOME RECEPTION	Room L1.01 at LAB42	TRANSFER		17:00 – 18:30 FAREWELL DRINKS
LAB42	18:00 – ? SUGGESTION: MEET AT FLEVOPARK Bring your own food!	19:00 – ? SOCIAL DINNER Hotel de Goudfazant, Aaambeeldstraat 10H		Café Polder