

NutriNOR PhD Conference 2025

**WHO:**

PhD students at any stage

WHERE:

Tromsø, Norway

WHEN:

October 28-29, 2025

WHAT:

Topic: *AI in Nutrition Research*

This PhD conference will focus on use of AI in nutrition research. Through a combination of lectures and workshops you will learn how to use AI responsibly in your PhD – whether you are writing papers or working on your thesis. The sessions will include hands-on activities where you can apply these tools to your own project. Topics will include using AI for literature reviews, data extraction, and hypothesis generation, as well as addressing concerns like data quality, bias, and ethics. You will also learn how AI can analyze food images to promote healthier and more sustainable food choices. Additionally, there will be a dedicated session where you can present your own research if you want to.

PROGRAMME:

Time	Tuesday, October 28
11:00-12:00	Lunch at the venue
12:00-12:15	Introduction
12:15-13:15	Marko Lukic (UiT): <i>How large language models can assist in literature review, data extraction from dietary studies, and hypothesis generation for nutrient-disease relationships. Lecture and workshop.</i>
13:15-13:30	Short break
13:30-14:30	Marko continues
14:30-15:00	Break with light food
15:00-16:15	Marko Lukic (UiT): <i>Concerns about data quality, model bias, and ethical considerations when deploying large language models in nutritional research. Lecture and workshop.</i>
16:15-16:30	Conclusion remarks
17:00-20:00	Dinner and social activity

Time	Wednesday, October 29
09:00-09:40	Abstract presentations
09:40-09:50	Short break
09:50-10:30	Abstract presentations
10:30-11:00	Break with light food
11:00-11:40	Maryam Tayefi Nasrabadi (Norwegian Centre for E-health Research): <i>How generative AI can be leveraged to analyze food images and create a food system that helps consumers make healthier, more sustainable food choices</i>
11:40-11:50	Short break
11:50-12:30	Maryam continues
12:30-13:15	Lunch at the venue
13:15-14:15	Abstract presentations
14:15-14:30	Short break
14:30-15:30	Abstract presentations
15:30-16:00	Light food and conclusion remarks

INVITED SPEAKERS:

Marko Lukic

Marko is a medical doctor with PhD in epidemiology, currently working as university lecturer at HelPed, UiT and the leader of UiT's AI team.



His talk will examine how large language models assist in literature review, data extraction from dietary studies, and hypothesis generation for nutrient–disease relationships. It will also address concerns about data quality, model bias, and ethical considerations when deploying these models in nutritional research.

Maryam Tayefi Nasrabadi

Maryam is statistician with long experience in analysing health data sets using classical statistical methods and machine learning algorithms. She is currently working as a senior researcher at the Norwegian Centre for E-health Research.

Her talk will focus on how generative AI can be leveraged to analyze food images and create a food system that helps consumers make healthier, more sustainable food choices. She will share insights and practical examples from [AI-SHeFMan](#), a research project developed by Maryam and her team.

SOME PRACTICAL INFORMATION:

Participation is free of charge, and the hotel costs, lunch and dinner on Oct 28th are already covered by NutriNOR. Travel costs will also be covered directly by NutriNOR. Information about travel arrangements will be sent to all registered participants.

If you have any allergies or other food restrictions, please notify us in the registration form.

Presentations of your own work

You are welcome to prepare a short presentation (8-10 min) of your own work. Registered participants will receive information on how to sign up for this along with further details.

Since this is a national conference, you should be able to achieve ECTS points for your presentation. However, this will depend on the regulations of your own institution.

Venue

The conference will be held at [Scandic Ishavshotel](#), located in Tromsø city centre. Lunch will be served at the same venue as the conference.

Hotel

Hotel rooms will be booked for all participants who travel to Tromsø at [Scandic Ishavshotel](#) (same as venue).

Transport from the airport to the venue/hotel

Take the bus across the road from the airport (number 40 Tromsø museum via sentrum or 42 Stakkevollan via sentrum) to Wi-To (13-19 minutes). Walk 4 minutes down towards the sea to Scandic Ishavshotel. It is recommended to download the public transport app ([Svipper](#)) beforehand and buy tickets via the app.