

CONFERENCE BOOKLET

EWG
ORAHS
OR APPLIED TO
HEALTH SERVICES

51st Annual Meeting of the EURO
Working Group on Operational
Research Applied to Health
Services

TRONDHEIM, 6th – 11th JULY



ORAHS
TRONDHEIM 2025

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PROGRAM AT A GLANCE

	SATURDAY 05.07.2025	SUNDAY 06.07.2025	MONDAY 07.07.2025	TUESDAY 08.07.2025	WEDNESDAY 09.07.2025	THURSDAY 10.07.2025	FRIDAY 11.07.2025
07:30							
08:00							
08:30						Registration	
09:00						Opening	
09:30						Practice – oriented plenary	
10:00						Coffee break	
10:30							
11:00						Sessions	
11:30							
12:00							
12:30						Lunch	
13:00							
13:30						Poster session	
14:00						Panel discussion	
14:30						Coffee break	
15:00							
15:30						Sessions	
16:00							
16:30							
17:00							
17:30							
18:00							
18:30							
19:00						Conference dinner	
19:30							

THURSDAY | 10th JULY

 Kunnskapssenteret (St. Olavs Hospital)

08:30 – 09:15 Registration

Time	KA12	KA11
09:15 – 09:30	Welcome address	–
09:30 – 10:30	Plenary session	–
11:00 – 12:30	ThC-01: Innovation 1	ThC-02: Innovation 2
13:30 – 14:00	ThD-01: Poster session	–
14:00 – 15:00	ThE-01: Panel discussion	–
15:30 – 17:00	ThF-01: Innovation 3	ThF-02: Innovation 4

19:00 Conference Dinner (at Clarion Hotel)

PRACTICAL INFORMATION

Conference venue

The Practitioners' Day will take place at **Kunnskapssenteret at St. Olavs Hospital** on Thursday. It's a 20-30 minute walk from the city centre.

➡ The entrance is located at *Olav Kyrres gate 17*.

🚌 The closest bus stop is *St. Olavs Hospital Øst*, but most buses stop at *Studentersamfundet*.

🏢 The sessions will take place at rooms **KA11** and **KA12** on floor 1. Two other rooms will be available for working: **KS11** and **KS12**.

📖 Figure 1 and Figure 2

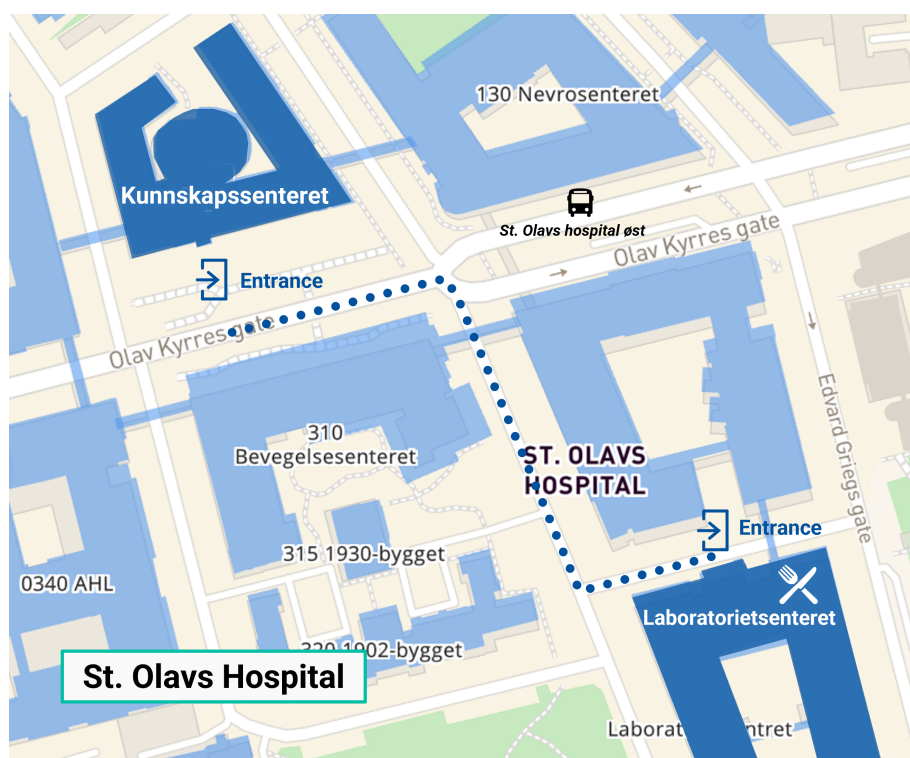


Figure 1: St. Olavs Hospital

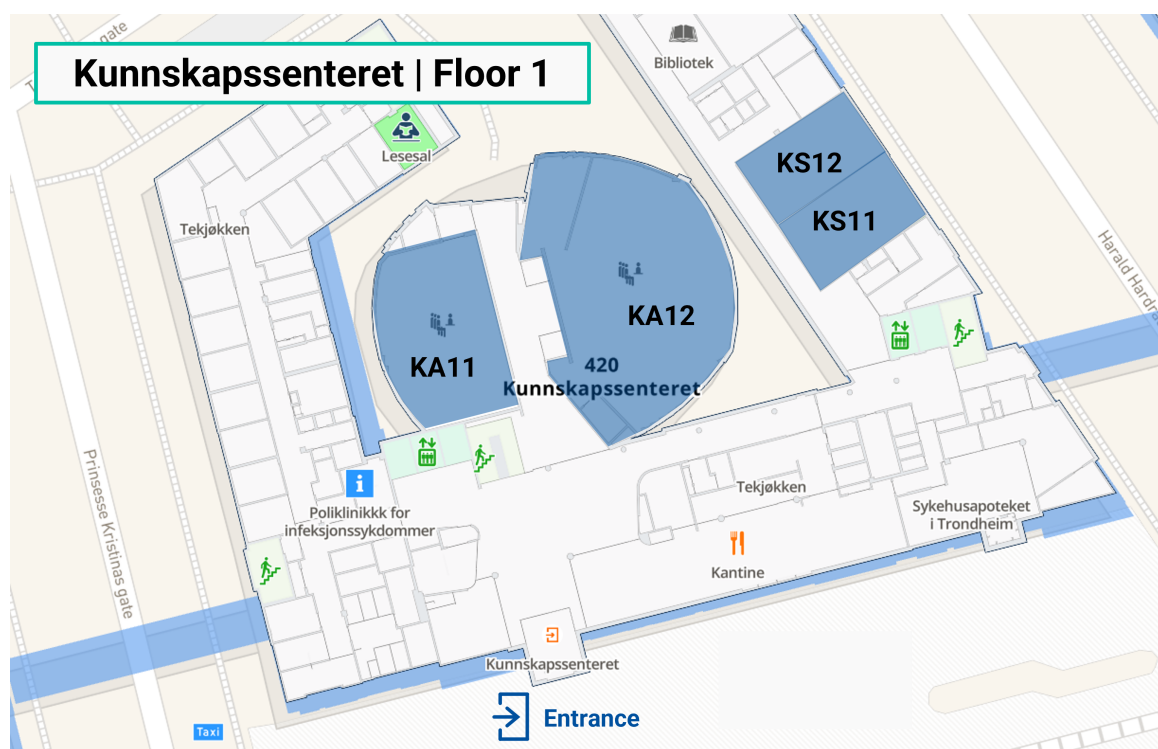


Figure 2: Kunnskapssenteret layout - Floor 1

Lunch

Lunch will be served at the **canteen of Laboratoriesenteret** (*Erling Skjalgssons gate 1*) (Figure 1).

Conference dinner

 10th JULY

 19:00

 Clarion Hotel (*Brattørkaia 1*)

 21, 23 or 28 to *Pirbadet*; 25 to *Hurtigsbåtterminalen*

The conference dinner at the Clarion Hotel offers excellent views of the fjord and is a great opportunity to socialise with the ORAHS community and practitioners. The Steve Gallivan Award will be awarded during the evening, and we will also take a group photo to commemorate the event. After dinner, guests are welcome to continue socialising at the bar and rooftop bar.



Copyright: Clarion Hotel, Trondheim

Scientific programme

On the website you can find the **sessions overview** and the **abstract book**. The abstract book can also be accessed through the EURO system.

Last minute updates

The conference website has a news section on the right banner, where updates and any last minute changes will be published.

Information for session chairs

Each session comprises 4 talks. Regular talks will be 15 minutes plus 5 minutes for questions. Please:

1. Arrive 5 minutes before the start of the session to check the equipment.
2. For simplicity, place all the presentations on your laptop or on one of the speakers' laptops. If as a session chair you can't bring your laptop, please get in touch with the committee beforehand. The PC in the rooms need NTNU credentials, and won't be available for ORAHS.
3. Follow the schedule. If a speaker is absent, do not advance other talks or extend previous presentations.
4. Facilitate discussion. If the audience is silent, have a couple of questions or comments ready to engage the speaker.

Wifi connection

The **Eduroam** connection is available on all university campuses. For more information on how to connect to Eduroam, visit this link.

NTNU also provides a **guest network** (*ntnuguest*) for visitors who can't access Eduroam. For more information on how to connect to the guest network, visit this link.

Receipt and certificate

Each participant received a **payment receipt** by email from NTNU Konferanser (info@konferanser.ntnu.no) at the email address provided during registration.

Participants who wish to receive a **certificate of attendance**, please request it to the organising committee by sending an email to orahs2025@iot.ntnu.no.

Steve Gallivan award

Since ORAHS 2017, the Gallivan Award is given to the best poster presented by PhD students. In particular, three students are awarded at each ORAHS edition thanks to the EURO General Support Funding. The winner of the previous editions are published on the ORAHS website.

The list of candidates is composed of 6 PhD students:

Lieke Jansen – University of Groningen (the Netherlands); **Mina Moeini** – Simon Fraser University (Canada); **Arianna Freda** – Roma Tre University (Italy); **BoFan Zhang** – King's College London (United Kingdom); **Chao Pan** – KU Leuven (Belgium); **Jedidja Lok-Visser** – University of Twente (the Netherlands);

This year, the jury is composed of Melanie Reuter-Oppermann (president) and two other members. Even if some participants also present their work as a regular talk, only the poster is evaluated by the jury. The winners of the Steve Gallivan Award are announced during the conference dinner.

Water and weather

Tap water in Norway is safe to drink, unless otherwise indicated. Trondheim Municipality has exceptionally good drinking water quality. For more information, visit this link (in Norwegian only).

Summers in Trøndelag can be a little moody. Last year in Trondheim the minimum temperature was 7.3°C, the maximum 28.3°C and the average 14.3°C. It is wise to always carry a sweater and a light rain jacket or umbrella, as the weather in Trondheim can change quickly. We recommend checking the weather forecasts daily and dressing accordingly. You can do so at the Norwegian weather forecasting service www.yr.no.

Getting around in Trondheim

We strongly recommend using the **AtB service** to plan your bus trips and buy tickets. You can visit www.atb.no/en or download the AtB app.

PLENARIES

📅 MONDAY | 7th JULY

🕒 09:30 - 10:30

📍 hyperref[sec:realfagbygg]Realfagbygg - R5

Leveraging Operations Research to drive innovation in Healthcare Systems

Nadia Lahrichi | Professor at the department of Mathematics and industrial engineering at Polytechnique Montreal (Canada)

As healthcare systems face increasing pressure to deliver high-quality care efficiently, operations research (OR) offers powerful tools for driving innovation and enhancing system performance. In this keynote, we will explore how advanced OR methodologies and data analytics can transform healthcare delivery through practical case studies, including resource scheduling and allocation. We will also examine some critical questions such as: *Does innovation in hospitals align with innovation in OR?* And *what are the key elements that drive meaningful change?* While we may not have definitive answers, we will share insights and lessons learned that can help shape the discussion.



📅 THURSDAY | 10th JULY

🕒 09:30 - 10:30


📍 Kunnskapssenteret - KA12

Transforming healthcare delivery through data-driven organizational development and strategic planning

Lina Grännö | Head of Planning and Follow-up at Karolinska University Hospital (Sweden)

As healthcare strives to meet patients' needs with high quality and accessibility, operations research (OR) offers opportunities to streamline and improve healthcare processes. In this keynote, we will explore how data-driven organizational development and strategic planning can transform healthcare delivery through practical examples from Karolinska University Hospital. We will discuss critical questions such as: How can we ensure optimal use of healthcare resources? While we may not have all the answers, we will share insights and experiences that can help shape future discussions.



 THURSDAY | 10th July 14:00 – 15:00 Kunnskapssenteret - KA12

PANEL DISCUSSION: Enabling healthcare innovation through OR

Jarl Reitan | (Moderator) Innovation advisor at St. Olavs Hospital (Norway)

Jarl Reitan is an innovation advisor at the service innovation centre at St. Olavs Hospital. He specialises in service design, innovation management, development of patient pathways, and remote medical follow-up. Since 2004, he has worked with innovation in the public sector and has led major national competence development projects.



Øystein Døhl | Financial manager at Trondheim Municipality and researcher at NTNU (Norway)

Øystein Døhl is the financial manager at Trondheim Municipality and a researcher at NTNU. With over 20 years of experience in health data analytics and strategic planning of municipal health services, he has done research on the evaluation of long-term patient follow-up, and his current interest is how municipalities can prepare for demographic shifts. He holds a PhD in health economics.



Birger Endreseth | Medical Director at St. Olavs Hospital (Norway)

Birger Endreseth is the medical director at St. Olavs Hospital, where he is responsible for strengthening and coordinating the professional healthcare development. He holds an MD and PhD, and is a specialist in general surgery and gastrointestinal surgery. Previously, he worked as senior consultant and clinic director at the Surgical Clinic at St. Olavs Hospital.



Gréanne Leefink | Associate Professor at the University of Twente (the Netherlands)

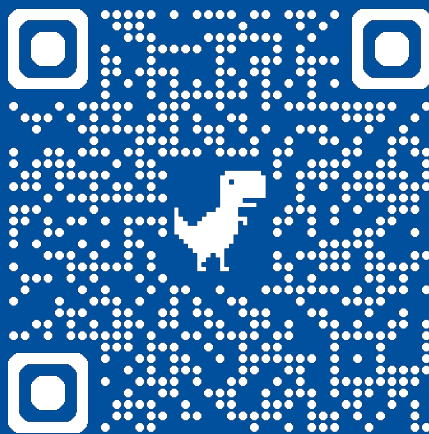
Gréanne Leefink is Associate Professor at the Center for Healthcare Operations Improvement and Research (CHOIR) at the University of Twente. She is affiliated with Isala Hospitals, where she works on topics related to integral capacity management and connected care. Gréanne obtained her PhD on integrated planning in cancer care, in collaboration with UMC Utrecht and Mayo Clinic.



Kjartan Klyve | Senior Manager at KPMG Norway (Norway)

Kjartan Klyve leads KPMG Norway's work in Healthcare Optimization and Analytics, where he spearheads the design and implementation of advanced Operations Research tools in healthcare settings. He holds a PhD in Operations Research from NTNU and has a strong history of applying optimization and algorithmic techniques to real-world scheduling problems in hospitals.





CONTACTS

Conference committee

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