

**Program Underviserseminar NT 2026 (small changes may occur)**

08.30	Coffee, tea, and light refreshments	Mingling areas
08.45	<b>Welcome and introduction of today's program</b> , Vice dean Monica Jordheim	Storsalen
09.00	<b>What Is AI Actually Doing? Conceptual Tools for Science Teachers</b> , Tor Ole Odden (UiO)	Storsalen
09:40	Poster pitch,	Storsalen
09:45	Poster session with coffee	Mingling areas
10:15	<b>Panel discussion – First year courses at NT</b>  In this panel discussion we will hear from teachers leading some of NTs large first year courses in mathematics, chemistry, informatics and physics. All NT students take one or more of these courses. Short introductions of the courses will be followed by a discussion and questions from participants.  Panel: David Grellscheid, Crystal Chang Din, Antonella Zanna, Andreas Leopold Knutsen, John-Georg Seland, Audun Oppedal Pedersen and Martin Møller Greve. Panel leader: Sehoya Cotner	Storsalen
<b>11.00</b>	<b>Round table discussions 25 min</b>	
	<b>A:</b> <i>Førsteårsemner/First year courses – fortsettelse av paneldiskusjon</i>	Storsalen
	<b>B:</b> Mattestuen og Fysikkstuen – bli kjent med dette tilbudet for og med NT-studenter, ledes av Oksana Monakhova, Kristoffer Taule Vassdal og Jørgen de Battista Kvamme	Storsalen
	<b>C:</b> What is an Excellent Teaching Practitioner? Criteria, application and process, led by ETP Øyvind Fiksen.	Søndre Allmenning 1
	<b>D:</b> Accessible Learning in the field, led by Ellen Lien and Marie van der Kloet	Nordre Allmenning 3
11.25	<i>5 min to change to new round table</i>	
<b>11.30</b>	<b>Round table discussions 25 min</b>	
	<b>E:</b> What pollen grains and skulls share - and how you can use this in education. Using 3D models in teaching, led by Jorun Nylehn, Anne Bjune and Jonathan Soulé	Storsalen
	<b>F:</b> Mentorordning og mottak av nye studenter NT, ledes av Tina Marie Andersen	Storsalen
	<b>G:</b> How to improve communication with the students, led by Siri Tungland and Espen Bævre	Søndre Allmenning 1
	<b>H:</b> Debates in the classroom: challenging misconceptions and engaging with new knowledge, led by Lea Svendsen	Nordre Allmenning 3

12.00	Lunch	Mingling areas
13.00	Round table discussions 25 min	
	I: First generation college students -how can we help them succeed? Led by Sehoya Cotner	Storsalen
	J: The new science library at UiB Realfaghøyden, led by Christian Jørgensen	Storsalen
	K: Case-oppgaver for økt arbeidslivsrelevans i undervisning, led by Bård Støve og Yushu Li	Søndre Allmenning 1
	L: Teaching methods to prepare students for sustainability challenges, led by Katja Enberg	Nordre Allmenning 3
13.30	Break with refreshments	Mingling areas
13:40	<b>Workshop (Storsalen):</b> Helping Students Learn with AI: A Hands-On Workshop for Science Educators, Tor Ole Odden (UiO) – <b>Storsalen</b>  <i><b>Abstract:</b> Generative AI is now widely available to both science students and instructors, but using it well requires strategy, discipline, and clear pedagogical intent. In this two-part session, I will provide some conceptual tools and concrete strategies for using AI to support learning in science. In the first part, I will introduce three research-based frameworks for understanding how large language models work: AI as an improv artist, a blurry JPEG of information, and a conceptual blender operating in a space of meaning. These frameworks help explain why AI outputs can be simultaneously powerful, misleading, and highly sensitive to context. In the second part of the session, participants will take part in a guided, hands-on workshop focused on practical uses of these tools in higher education science. I will demonstrate and scaffold activities in which AI is used to support sensemaking while reading, help students get unstuck on problems, and assist with checking and refining reasoning without replacing thinking. Along the way, I will draw on examples from the history of physics and introduce four concrete prompting strategies that operationalize the metaphors for AI “cognition”.</i>	
14:50	<b>Summary and wrap-up,</b> Jorun Nyléhn, Henk Keers and Øyvind Fiksen	Storsalen
15:00	<b>End</b>	

