

The 5th Nordic Seminar on Technical Measurements of Physical Activity and Sedentary Behaviour

Sponsored by



Department of Computer Science



Department of Public Health
and Nursing

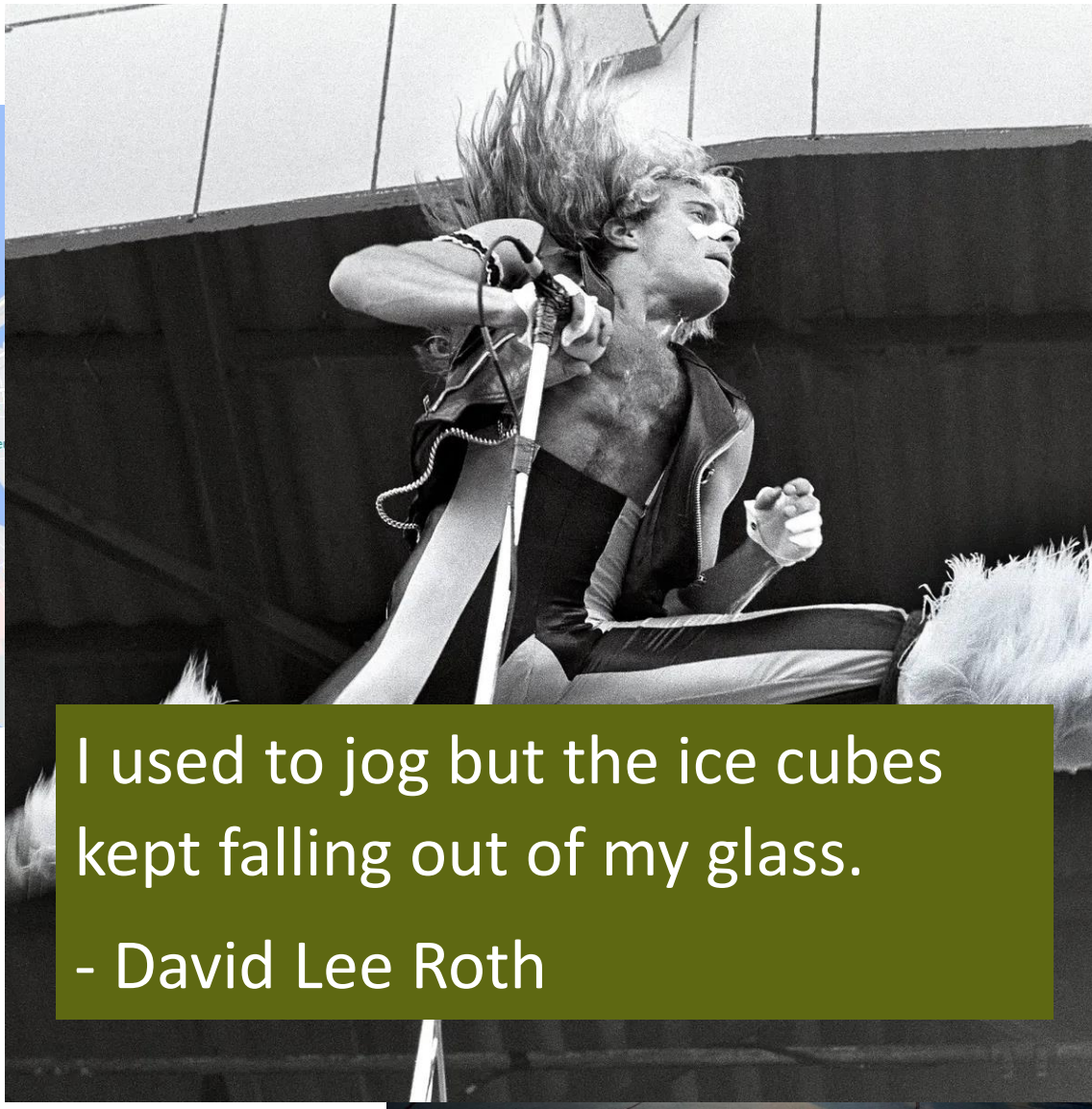
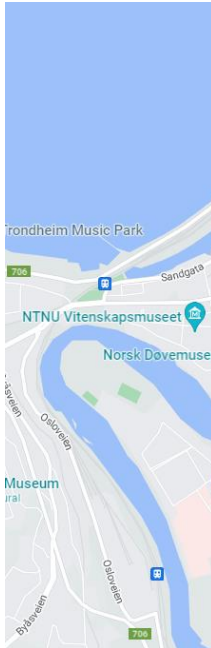
Program – day 1



Seminar Homepage

Day 1	Thursday June 2nd	(Room – KA12, Kunnskapsenteret)
09:00	Welcome and coffee	
09:30	Introduction	Paul Jarle Mork
09:40	The 24-hr paradigm – recent advancements and the way forward	Charlotte L Rasmussen
Session 1. <i>Advancements in measurements and analysis</i>		(Chair: Kerstin Bach)
10:10	SurPASS	Nidhi Gupta
10:30-10:50 Coffee break		
10:50	Methodological decisions before analysing raw accelerometer data in the SCAPIS project	Daniel Arvidsson
11:10	From processing of raw accelerometer data to multivariate analysis	Jonatan Fridolfsson
11:30	Multivariate pattern analysis of the physical activity intensity spectrum – what have we learned?	Eivind Aadland
11:50	Questions and discussion – session 1	
12:00-13:00 Lunch & walk		
Session 2. <i>Advancements in measurements and analysis</i>		(Chair: Nidhi Gupta)
13:00	HARTH – A human activity recognition dataset for machine learning	Aleksej Logacjov
13:20	Physical activity in children with congenital heart disease: when methodological improvements matter	Pia Skovdahl
13:40	ActiPASS – validation of time lying down and sleep	Peter Johansson/ Pasan Hettiarachchi
14:00	Adding context to accelerometer data using GPS devices	Jasper Schipperijn
14:20	Questions and discussion – session 2	
14:30-14:50 Coffee break		
Session 3. <i>Cohorts, methods, and interventions</i>		(Chair: Tom Ivar Lund Nilsen)
14:50	STUNTH – a new cohort on health care workers	Ellen Marie Bardal
15:10	HUNT – Self-reports vs. objective measurements	Atle Kongsvold
15:30	Considering individual fitness when analyzing associations between physical activity and health in the SCAPIS project	Jonatan Fridolfsson
15:50	Questions and discussion – session 3	
18:00-19:00 Speed-dating for research collaboration		
19:00-23:00 Dinner at Rockheim (https://rockheim.no/en)		

Social program



-19:00)

I used to jog but the ice cubes kept falling out of my glass.
- David Lee Roth

Program – day 2



Day 2 **Friday June 3rd** **(Room – [KBA, Kvinne-barn-senteret](#))**

09:00 Welcome and coffee

Session 4. *Cohorts, methods, and interventions* *(Chair: Paul Jarle Mork)*

- 09:30 The Tromsø Study – Machine learning to construct new types of algorithms to study physical activity Shaheen Syed
- 09:50 Consumer-based activity trackers as a tool for physical activity monitoring André Henriksen
- 10:10 Intervention research to promote physical activity during the early years – what have we done and where are we heading? Eivind Aadland
- 10:30-10:50 Coffee break**
- 10:50 Patterns and changes of 24-h movement behaviour:
The Finnish Retirement and Aging study Sari Stenholm
- 11:10 Applying Mendelian randomization in the HUNT Study Mats Flaaten
- 11:30 Questions and discussion – session 4
- 11:40 Closing and wrap-up
- 12:00-13:00 Lunch**

