



Artificial intelligence in healthcare

Conference, June 18-19, 2019.

Norwegian Centre for E-health Research and Northern Norway Regional Authority (Helse Nord) invite leaders and clinicians from healthcare and ICT to this conference about artificial intelligence. The conference venue is Hotel Scandic Havet, Bodø, June 18 and 19. Day 1 of the conference is in English, day 2 is in Norwegian.

Tuesday June 18 th – Conference on artificial intelligence in healthcare, day 1, language English		
10:00-11:00	Registration	
	Moderator for the day: Anne Torill Nordsletta, department manager Health Data Analytics, Norwegian Centre for E-health Research	
11:00-11:10	Welcome	Finn Henry Hansen, director, Northern Norway Regional Authority, Helse Nord
11:10-11:15	Opening by the Norwegian Ministry of Health and Care Services	Anne Grethe Erlandsen, state secretary Norwegian Ministry of Health and Care Services
11:15-11:30	Introduction speech	Stein Olav Skrøvseth, director, Norwegian Centre for E-health Research
11:30-12:10	The Impact of Genomics in Medicine and Clinical Research	George Vasmatazis, co-director of the Biomarker Discovery Program, Center for Individualized Medicine, associate professor, Department of Molecular Medicine, Mayo Clinic
12:10-12:50	AI for healthcare	Jianying Hu, program director, Center for Computational Health at IBM Research
12:50 - 13:50	Lunch	
13:50 - 14:30	TBA	David Albers, adjunct assistant professor of Biomedical Informatics, Department of Biomedical Informatics, Columbia University

14:30 - 15:10	Electronic Health Records and Artificial Intelligence for Disease Forecasting and Biomarker Discovery	Narges Razavian, assistant professor, Departments of Radiology and Population Health at New York University, Langone Medical Center
15:10 - 15:40	Break	
15:40- 16:10	Panel discussion	Stein Olav Skrøvseth, George Vasmatazis, Jianying Hu, David Albers and Narges Razavian
16:10- 16:35	Multimodal imaging, deep learning and visualization in clinical imaging research	Renate Gruner, associate professor, University of Bergen
16:35- 17:00	Implementation of artificial intelligence in orthopaedic radiology	Max Gordon, orthopaedic surgeon at Danderyd's Hospital, PhD and researcher at Karolinska Institute
17:00- 17:30	Break	
17:30 - 17:55	Clinical text mining – secondary use of electronic patient records to improve healthcare	Hercules Dalianis, professor in Computer and Systems Science, Stockholm University, Norwegian Centre for E-health Research
17:55	End of day one	
20:00	Dinner	

Wednesday June 19th – Conference on artificial intelligence in healthcare, day 2, language Norwegian

	Moderator for the day: TBA	
08:15- 08:25	Introduction for day two	
08:25- 09:10	Artificial intelligence is changing medicine	Erik Fosse, professor and head of department, The Intervention Centre, Oslo University Hospital, Institute of Clinical Medicine, University of Oslo
09:10- 09:55	Artificial intelligence for diagnostics: DoMore project, pathology	Håvard Danielsen, professor, institute director, Institute for Cancer Genetics and Informatics, Oslo University Hospital
09:55- 10:15	Break	
10:15 - 10:45	Machine learning and artificial intelligence for analysis of electronic health records and advanced decision making	Robert Jenssen, professor, The Arctic University of

		Norway
10:45 - 11:15	Portable sensors, digital twins and future artificial intelligence ecosystems for self-care	Frank Lindseth, professor, Department of Computer Science, Norwegian University of Science and Technology
11:15 - 12:15	Lunch	
12:15 - 12:45	Health analytics platform	Bjørn Holstad, project leader, The Norwegian Directorate of eHealth
12:45-13:15	Artificial intelligence projects at Cancer Registry of Norway	Jan Nygård, department manager, Cancer Registry of Norway
13:15-13:45	Lack of commodities. How to make data available for best utilization of artificial intelligence?	Thomas Smedsrud, MD, project leader, BIGMED project, Oslo University Hospital
13:45 - 14:05	Break	
14:05 - 14:35	Artificial intelligence and privacy in healthcare	Bjørn Erik Thon, director, Norwegian Data Protection Authority
14:35-15:05	Ethics and artificial intelligence in healthcare	Jim Tørresen, professor, Department of Informatics, University of Oslo
15:05-15:35	How to utilize artificial intelligence to improve patient safety	Athar Ali Tajik, medical director, The State Investigation Commission for the Health and Care Services
15:35-15:45	End of day two	