

Academic biography – May 2025

Kirsti Elisabeth Berntsen

F.aman. Anvendt informatikk, IDI AIT - NTNU.

<https://innsida.ntnu.no/person/keb>

Kirsti Berntsen underviser i emner knyttet til digitalisering - utvikling av og anvendelse av IT i organisasjoner, samhandling i tverrfaglige team, samt teknologiens implikasjoner for samfunnet. Dette ved Institutt for datateknologi og informatikk, NTNU – primært på de innfusjonerte studieprogrammene fra tidligere HIST, men også på den tverrfaglige videreutdanningen i helseinformatikk. Forsker og veileder på digitalisering, samhandling og organisering, organisatorisk bruk av IT, inkl. helseinformatikk.

Hun er særlig opptatt av hvordan kan vi bruke IT til å løse våre oppgaver og utføre arbeidet vårt, for fruktbart samarbeid og samhandling i og på tvers av organisasjoner. Utgangspunktet er praksis- og brukerorientert. Frukthar bruk av IT handler om teknologien – men samtidig - om organisering og menneskene. Digitalisering gir oss muligheter, men også utfordringer - på individnivå, i hverdagen, i arbeid, såvel som for virksomhet, organisasjon, samfunn og miljø. Dette har implikasjoner for design, utvikling, innføring og bruk av IT, samt for teknologienes livsløp, avvikling/erstatning og anskaffelse.

CURRICULUM VITAE – May 2025

Name: **Kirsti Elisabeth Berntsen**

Born: 1962

Nationality: Norwegian

Position: Associate professor at NTNU, Dept. of Computer Science, Applied Informatics Group.
<https://innsida.ntnu.no/person/keb>

Education:

PHD in Organizational Use of Information Systems (NTNU 2011)

Exams in topics related to Computers Supported Cooperative Work (CSCW), Management of IS, Human Computer Interaction (HCI), Research Methods ..

NTH courses in Communication Networks, Communication Security (-88, -89)

Master of Science in Telematics (NTH/NTNU 1986)

Courses:

H25 NTNU: Brannvern (Fire & safety)

V24 NTNU: Førstehjelp (First Aid)

H16-V17 NTNU: PEDUP – Pedagogical development training (100 hrs)

2015 HIST: Health Environment and Safety (HMS)

V06 NTNU: Rhetoric

H06 NTNU: Presentation Technique with talk: *Paper or ICT? – Yes, thank you, both!*

H04 DNV: In-house course: Risk Based certification

H03 DNV: Introduction to ISO 9000:2000 Quality Management Systems

Commissions & memberships:

2025 Employee Representative of Hiring Committee for new Head of Department IDI
2024- Tekna representative in IE Faculty LOSAM
2021- Employee Representative for Permanent Staff at IDI
2018 - NTNU IE Faculty. Organizing the design of a new course in Digitalization.
2017 Employee Representative of Hiring Committee for new Head of Department IDI
2016 Member of *Working Group ICT* at Faculty of Information Technology and Electrical Engineering regarding “Fusjonsprosessen NTNU – HiG – HiST – HiAls”
2015-2016 Member of HIST Strategic Focus Area Working Group on Welfare Technology.
2015-2018 Local dept. deputy at IDI Kalvskinnet for Health, Environment and Safety (HMS)
2016- Member a number of expert committees evaluating applicants for Ass. Professorships in ICT at NTNU IDI, OsloMet and USN.
Conference session chair: UDIT 2019, - 2019. HELSIT 2011, - 2012, - 2013, - 2014. PAHI 2013.
Organizing chair PAHI 2013, - 2014.

Professional memberships: TEKNA, DND

Board memberships 2-3 yrs duration, sometime 1987-2003: NIF Trondheim avd (now TEKNA), Andungen Barnehage; Employee Board Member at IGP AS.

Supervision of thesis: BA of Informatics in Information Technology; - Digital Business Development; MA in Digital Collaboration; MSc in Healthcare Informatics. On method and Design Science Research for BA in Computer Science.

Work experience:

2024- Studyprogram leader - Continuing education Master in Health Informatics
2014 - Associate professor at NTNU, Dept. of Computer Science, Applied Informatics group (formerly HIST AITeL). Teaching in courses on Computer Supported Collaborative Work (CSCW); IT & Society – campus & online courses; Systems Engineering and Innovation; Quality in Systems Development; E-Commerce; IT, organization and collaboration in healthcare. Method and Design Science Research for BA in Computer Science. Digitalization. Teamwork.
2008-2014 Program Coordinator EMHI (part time; full time from spring 2011). Continuing Education: a multidisciplinary program for Master of Science in Healthcare Informatics (EMHI) at NTNU DMF-Nevro (NSEP) (collaboration with NTNU-IDI)
2012 Faglærer IKT, Kultur & samfunn (7,5 stp) bade vår og høstsemesteret
2011- 12 Engasjement for Vivit As ifm forskning på TK sitt Helsevakttelefon-prosjekt
2009 (60%) Hired project manager: SUMO Core Medication Journal for Trondheim Kommune
2007-08 Assistant researcher (~50%): Regional Communication in Healthcare, a VERDIKT project at UITø & NTNU IDI. <http://www.idi.ntnu.no/~ericm/regional.htm>
2007 (50%) Stand in teacher & supervisor (ICT and Society)
2003-06/10 (25%) PHD studies, with 25% teaching, supervision & censor duties at IDI
1987-02 Consulting Engineer at InterConsult ASA (formerly IGP AS, now COWI)
Held positions as: project engineer, senior engineer, group leader
Tasks related to: project management, technology reviews, tender specifications, contracting, implementation processes of speech and data systems for communication and collaboration. Example clients: Oslo Postdistrikt, UIB, NTH, Hordaland Fylkeskommune med sykehusene, Bergen kommune, Sykehuset Østfold.

Publications & presentations are listed on Cristin: