

# Curriculum vitae

## Personalia

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Date of birth 03.05.78

## Education

Master degree in physics, NTNU	2000-2005
Bachelor degree in physics and mathematics, NTNU	1997-2000

## Job experience

Period	Employer	Position	Tasks and responsibility	Reference
2000-2001	HiST	University college teacher	Taught mathematics in qualification course (forkurs)	[1]
2001-2002		University college teacher	Taught mathematics and physics in qualification course (forkurs)	[1]
Autumn 2002		University college teacher	Implementing framework for broadcasting lectures across campus; distance education	[1]
Spring 2003-autumn 2003		Civil worker	Video conferencing maintenance and user support	[2]
2004-2005		Assistant professor	Taught mathematics and physics in qualification course (forkurs)	[1]
2005-2006		Assistant professor	Taught introductory physics for first-year engineering students	[1]
2006-2009	CERN	CERN Fellow	Planning, implementing and supporting collaborative tools and unified communication	[3]
2009-2015	HiST	Assistant professor	Taught introductory physics and mathematics for first-year engineering students; part of research project to develop methodologies for a student response system	[1], [2]
2015-2016	NTNU	Universitetslektor	Taught introductory mathematics for first-year engineering students	[1]

## References

- [1] Ketil Arnesen ([ketil.arnesen@ntnu.no](mailto:ketil.arnesen@ntnu.no), +47 735 59 484), Institutt for allmennfag, Fakultet for teknologi, NTNU
- [2] John Birger Stav ([john.b.stav@ntnu.no](mailto:john.b.stav@ntnu.no), +47 735 59 201), Institutt for allmennfag, Fakultet for teknologi, NTNU
- [3] Thomas Baron ([thomas.baron@cern.ch](mailto:thomas.baron@cern.ch), +41 22 76 73828), Information Technology Department, Collaboration, Devices and Application section, CERN

## Publications

### Journal articles

Rolstad, Knut Bjørkli; Arnesen, Ketil: Kombinert summativ og formativ vurdering i matematikk. UNIPED 2015 (4) s. 338-244

Bjørkli, K. (2014): The impact on learning outcomes in mathematics of mobile-enhanced, combined formative and summative assessment. Int. J. Technology Enhanced Learning, Vol. 6, No.4, pp.343–360.

### Part of book/report

Stav, John Birger; Bjørkli, Knut; Arnesen, Ketil: Experiences with Use of Students Mobile Devices as Immediate Response Tools, International Technology, Education and Development Conference Proceedings, INTED 2013

Stav, John Birger; Hansen-Nygård, Gabrielle; Arnesen, Ketil; Bjørkli, Knut: Collaborative Workplace Learning by Use of Activity Based Training Methods in Manufacturing Industry. International Technology, Education and Development Conference Proceedings, INTED 2011

Stav, John Birger; Moldovan, Liviu; Hansen-Nygård, Gabrielle; Arnesen, Ketil; Støckert, Robin; Bjørkli, Knut: Experiences with use of web-based student response services for iPod touch and iPhone. International Technology, Education and Development Conference Proceedings, INTED 2010

Støckert, Robin; Arnesen, Ketil; Bjørkli, Knut: The Evet2Edu Prosjekt, Distanse Learning For Vet Teachers In Europe. International Technology, Education and Development Conference Proceedings, INTED 2014

Støckert, Robin; Bjørkli, Knut; Stav, John Birger: Experiences with Design and Use of Large Collaborative Learning Spaces in Digital Learning Labs. Proceedings from the International Conference on Education and New Learning Technologies, EDULEARN 2012

Talmo, Tord; Bjørkli, Knut: Experiences with Use of Activity Based Training Methods in Higher Education and Vocational Education and Training. Proceedings from the International Conference on Education and New Learning Technologies, EDULEARN 2012

Talmo, Tord; Bjørkli, Knut; Stav, John Birger: Experiences with Use of New and Modern Digital Learning Environments at Engineering Education. International Technology, Education and Development Conference Proceedings, INTED 2013