

CURRICULUM VITAE

Name: Børge Kile Gjelsten

Born: May 7, 1972

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Family status: married, children at 1, 6 and 8 years.

WORK EXPERIENCE

- 2010-2014 PostDoc at High Energy Particle Physics (HEPP) group, University of Oslo (UiO)
(ATLAS (CERN), SUSY searches, lectures, exercises)
- 2008-2010 Researcher at HEPP group, UiO (50%)
(ATLAS, SUSY searches, SUSY lectures)
- 2005-2007 PostDoc at Laboratory for High Energy Physics (LHEP), University of Bern
(ATLAS (CERN), SUSY searches, Diploma student supervision, computing farm resp.,
particle physics lectures)
- 2004-2005 Oslo University College (HiOA): lectures in General Physics (high-school level, 50%)

EDUCATION

- 2000-2005 Dr.scient. studies at HEPP group, UiO
(Thesis: *Mass determination of supersymmetric particles in ATLAS*)
- 1999 (apr-des) Spanish and Philosophy, Seville, Spain (9 months) [no exams]
- 1993-1999 Cand.Scient. in Theoretical Particle Physics, University of Bergen (UiB)
(Thesis: *Three-gluon vertex at 1 loop*)
1996-97: 1 year French courses (1996-97) (grunnfag)
1995: ½ year in Caen, France at Grand Accélérateur National d'Ions Lourds
1994,95,97,98: lead exercises in Calculus
- 1992-1993 Military Service (compulsory)
- 1991-1992 Norwegian Institute of Technology, Trondheim (NTH); mathematics and physics
- 1988-1991 Haram Vidaregåande Skule

TEACHING

I have lectured and/or lead exercises in basic physics and mathematics and particle physics at various institutions.

1994,95,97,98 UiB	lead exercises in Calculus
2000-04, UiO	lead exercises in General Physics, Mechanics, Lab Physics, Statistical Mechanics
2004-05, HiOA	lectures and exercises in General Physics (high-school level, 50%)
2006-07, Bern	lectures and exercises in Particle Physics, exercises in Mechanics and Electromagnetism
2009-12, UiO	(irregular) lectures in Supersymmetry (part of FYS4560), exercises in Subatomic Physics with Astrophysical applications (FYS3510)

COMPUTING

I use Linux, have some experience in Windows.

In Bern I was responsible for the maintenance of a small Linux computing cluster.

In ATLAS I have been space manager for 2000 TB of storage worldwide.

In ATLAS I have been using the Worldwide Computing Grid on a daily basis.

I have experience in analysing very large datasets (using the Grid, batch systems, ...).

I have extensive experience with coding in various languages as part of my studies, work and leisure:

Some experience: Assembly, Pascal, Simula, Fortran, Perl, Matlab, Java, Javascript, html, Android SDK.

Extensive experience: C++, Python.

LANGUAGES

Norwegian	mother tongue	bokmål and nynorsk
English	fluent	has been work language for many years
French	quite good	½ year in France, 1 year study at UiB
Spanish	good	¾ year in Spain
German	basic	high-school, 2½ years in Bern (swiss-German)