

To whom it may concern

### Letter of reference / intent concerning pedagogic meritation of Jon Andreas Støvneng

Herewith I confirm that Jon Andreas Støvneng has been an active key contributor to the development of courses and didactic environment of the physics department (IFY) since 2001 when he was hired as førsteamanuensis. His work has always been marked with a strong sense of responsibility towards the students not hesitating to take on extra work to keep quality in education. It is also marked by continuous development work that is centered around the student perspective. His activities have ranged from extra activities initiated by him on project basis and those that has been part of his position. Activities have included:

- Ordinary and extraordinary course responsibility at IFY

År	Vårsemester	Høstsemester
2001	Elmag	Elmag
2002	Elmag	Elmag
2003	Elmag	Elmag
2004	Elmag	Elmag
2005	Elmag	Bølgefysikk
2006	Elmag, 20%TFY4115	Bølgefysikk
2007	Elmag, Klassisk mekanikk, 20%TFY4115	Bølgefysikk
2008	Elmag, 20%TFY4215	Bølgefysikk
2009	Elmag, 20%TFY4215	Bølgefysikk
2010	Mesoskopisk fysikk, 20%TFY4215	Bølgefysikk
2011	Mesoskopisk fysikk, 20%TFY4215	Mekanisk fysikk
2012	Mesoskopisk fysikk, 20%TFY4215	Mekanisk fysikk
2013	Termisk fysikk	Mekanisk fysikk, TFY4104, TFY 4115
2014	Termisk fysikk	Mekanisk fysikk, TFY4106
2015	Kompis naturfag, TFY4106, Kompis fysikk	Mekanisk fysikk, TFY4104
2016	Kompis naturfag, TFY4106,	TFY4104

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All correspondence that is part of the case being processed is to be addressed to the relevant unit at NTNU, not to individuals. Please use our reference with all inquires.

2017	TFY4125 Kompis fysikk, TFY4125	TFY4104, TFY4102, TFY4115
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- Development of new/revised courses.
  - Jon Andreas was responsible for finding a new format of the three courses in electricity and electromagnetism when they were merged to one due to the aftermath of the NTNU merger of two physics departments.
  - Initiated and managed a trial for extra support for students.
  - He has been instrumental in developing teaching methods and exercises within computational physics, both through his engagement in IKTISU and through introducing computational projects in both own (TFY4215, TFY4204, TFY4106, TFY4115) and other (TFY4102, TFY4125, TFY4108, TMA4320) courses.
  - During 2016-2017 he has been responsible for changing the format of the laboratory physics exercises for integrated masters engineering programs.
  - In addition to this, it should be marked that Jon Andreas has taken a large responsibility and been honored by the students by the clarity and consistency in lectures and other course activities developed while he has been course responsible for different courses.
  - Revision in exam forms, both introducing and evaluating new forms of evaluation (multiple choice) and driving and running mid-term exams in the period when that was possible.
- Pedagogic leadership.
  - Leader for the undervisningsutvalg and later on deputy department head with responsibility for teaching since 2005.
  - Responsibility of staff allocation for courses at IFY since 2010
  - Member of study programme boards in MTFYMA and MLREAL.
  - Member and later on project leader for the project NUMFYS funded by Norgesuniversitetet.
  - Participated in two SFU applications.
  - Participation in a number of committees associated with different problems at NTNU level.

The department underlines that the possibilities and roles given as merited lecturer will be important to strengthen the focus within the department on quality in educations and strengthen the possibilities for Jon Andreas to work with didactic initiatives at IFY and the NV faculty.

Yours Sincerely,

A handwritten signature in blue ink, appearing to read 'Erik Wahlström'.

Prof. Erik Wahlström  
Head of Department