
VEGARD STORNES FARSTAD¹

LIST OF PUBLICATIONS

The list is sectioned as follows:

Articles	– 5 entries
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Articles

1. “*Shiva-teorien*”. V. Engstrøm.
Nytt om Romfart **110** 32-37 (1999)
2. “*Categorization of educational software in physics*”. V. Engstrøm.
M.Sc. Diploma Thesis. Group for Physics Education, Dept. of Physics, NTNU.
21 May 2001
3. “*Solformørkelsen 2006. Observert 29. mars i Side, Tyrkia*”. V. Engstrøm, H. Mikuz, B. Dintinjana, S. Jejčić. Romfart **137** 42-44 (2006)
4. “*Solformørkelsen 29/3-2006 observert i Side, Tyrkia*”. V. Engstrøm, H. Mikuz, B. Dintinjana, S. Jejčić. Astronomi **4** 42-45 (2006)
5. “*SUPERCOMET 2 – Modelling superconductivity*”. B. Schorn, H. Deger, H. Wiesner, R. Girwidz, L. Mathelitsch, G. Rath, V. Engstrøm.
Proceedings of “Modeling in Physics and Physics Education”, GIREP conference,
University of Amsterdam, 23 August 2006

Books

6. “*Ressursperm Småtrinn Modul 1 og 2*”, Ed. V. Engstrøm.
ISBN 82-8130-000-0, Simplicatus (Trondheim 2004).
Teacher guide Mathematics.
7. “*Ressursperm Mellomtrinn Modul 1*”, Ed. V. Engstrøm.
ISBN 82-8130-014-0, Simplicatus (Trondheim 2004).
Teacher guide Mathematics.
8. “*Ressursperm Ungdomstrinn Modul 1*”, Ed. V. Engstrøm.
ISBN 82-8130-029-9, Simplicatus (Trondheim 2004).
Teacher guide Mathematics.
9. “*SUPERCOMET Teacher Guide*”, A. Earle, J. Frost, V. Engstrøm, M. Čepič, G. Planinšič, G. Ireson, S. Ciapparelli
ISBN 82-8130-045-0, Simplicatus (Trondheim 2005). Teacher guide Physics.
10. “*Mattekoffert Modul 1 Småskole*”, Ed. V. Engstrøm.
ISBN 978-82-8130-046-0, Simplicatus (Strømmen 2006).
Teacher guide Mathematics.
11. “*Mattekoffert Modul 2 Småskole*”, Ed. V. Engstrøm.
ISBN 978-82-8130-047-7, Simplicatus (Strømmen 2006).
Teacher guide Mathematics.

¹ Publishing as Vegard Engstrøm until 1 March 2010.

12. “*Mattekoffert Modul 3 Småskole*”, Ed. V. Engstrøm. ISBN 978-82-8130-048-4, Simplicatus (Strømmen 2006).
Teacher guide Mathematics.
13. “*Mattekoffert Modul 1 Mellomtrinn*”, Ed. V. Engstrøm. ISBN 978-82-8130-049-1, Simplicatus (Strømmen 2006).
Teacher guide Mathematics.
14. “*Mattekoffert Modul 2 Mellomtrinn*”, Ed. V. Engstrøm. ISBN 978-82-8130-050-7, Simplicatus (Strømmen 2006).
Teacher guide Mathematics.
15. “*Mattekoffert Modul 1 Ungdomstrinn*”, Ed. V. Engstrøm. ISBN 978-82-8130-051-4, Simplicatus (Strømmen 2006).
Teacher guide Mathematics.
16. “*Mattekoffert Modul 2 Ungdomstrinn*”, Ed. V. Engstrøm. ISBN 978-82-8130-052-1, Simplicatus (Strømmen 2006).
Teacher guide Mathematics.
17. “*Mattekoffert Vg1T Matematikk Teoretisk*”, Ed. V. Engstrøm. ISBN 978-82-8130-053-8, Simplicatus (Strømmen 2009).
Teacher guide Mathematics.
18. “*SUPERCOMET 2 Teacher Guide*”, Eds. G. Rath, L. Mathelitsch, V. Engstrøm. ISBN 978-82-8130-055-2, Simplicatus (Strømmen 2007).
Teacher guide Physics.
19. “*MOSEM Teacher Guide. Minds-on experiments in Superconductivity and ElectroMagnetism*”, Eds. T. Greczylo, V. Stornes Farstad. ISBN 978-82-8130-056-9, Simplicatus (Lillestrøm 2010). Teacher guide Physics.
20. “*Lærerveiledning MOSEM. Minds-on eksperimenter i Elekrisitet og Magnetisme*”, Eds. Nils Kr. Rossing, V. Stornes Farstad. ISBN 978-82-8130-057-6, Simplicatus (Lillestrøm 2010). Teacher guide Physics.
21. “*MOSEM² Teacher Guide. MOdelling and data acquisition for continuing vocational training of upper secondary school physics teachers in pupil-active learning of Superconductivity and ElectroMagnetism based on Minds-On Simple ExperiMents*”, Eds. T. Greczylo, V. Stornes Farstad. ISBN 978-82-8130-058-3, Simplicatus Research and Development (Lillestrøm 2011). Teacher guide Physics.

Contributed Presentations

22. “*Superlab*”. K. Fossheim, V. Engstrøm.
Presentation at Norwegian Physics Teachers’ Association meeting, Geilo. 17 June 1999
23. “*Superlab*”. K. Fossheim, V. Engstrøm.
Interactive poster at “Science on Stage” conference, CERN. 7 November 2000
24. “*Superconductivity and Physics Curricula. A study for the SUPERCOMET Project*”. V. Engstrøm. Presentation at GIREP conference, University of Lund. 8 August 2002
25. “*SUPERCOMET-prosjektet – en skapelsesberetning*”. V. Engstrøm.
Presentation at Leonardo da Vinci Seminar, Oslo. 28 August 2002
26. “*SUPERCOMET Project*”. V. Engstrøm, M. Čepič, J. McGrath, H. G. Mellar.
Presentation at the “7th Workshop on Multimedia in Physics Teaching and Learning”, University of Parma. 22 September 2002

27. “*PPU og SUPERCOMET-prosjektet. Erfaringer og refleksjoner.*”. V. Engstrøm. Presentation at “FoU i Praksis. Konferanse om praksisrettet FoU i lærerutdanning”, NTNU. 28 November 2002
28. “*The SUPERCOMET Project – developing new educational material for upper secondary physics*”. V. Engstrøm, L. Meisingseth, S. Ciapparelli. Presentation at 2nd International GIREP seminar, University of Udine. 2 September 2003
29. “*The SUPERCOMET Project – developing new educational material for upper secondary physics*”. V. Engstrøm, L. Meisingseth, S. Ciapparelli. Presentation at the “8th Workshop on Multimedia in Physics Teaching and Learning”, University of Prague. 15 September 2003
30. “*Teacher seminar with educational material for upper secondary school*”. K. Fossheim, J. Smiseth, V. Engstrøm, M. Čepič, G. Planinšič, A. Ramšak, H. Ræder, K. Bodsberg, C.-A. Husberg, S. Ciapparelli, G. Ireson. Presentation at GIREP conference, University of Ostrava. 22 July 2004
31. “*Teacher seminar with educational material for upper secondary school*”. K. Fossheim, J. Smiseth, V. Engstrøm, M. Čepič, G. Planinšič, A. Ramšak, H. Ræder, K. Bodsberg, C.-A. Husberg, S. Ciapparelli, G. Ireson. Presentation at the “9th Workshop on Multimedia in Physics Teaching and Learning”, University of Graz. 10 September 2004
32. “*The SUPERCOMET Computer Application*”. V. Engstrøm. Presentation at the “SUPERCOMET Project Final Conference”, NTNU. 2 December 2004
33. “*Spennende fysikk med animasjoner og forsøk*”. V. Engstrøm. Presentation at NKUL-konferansen 2005, Trondheim. 19 May 2005
34. “*The SUPERCOMET 2 Project – Testing and evaluation of materials*”. V. Engstrøm. Presentation at “Informal Learning and Public Understanding of Physics”, the 3rd International GIREP Seminar, University of Ljubljana. 5 September 2005
35. “*The SUPERCOMET 2 Project*”. V. Engstrøm. Presentation at the “10th International Conference on Multimedia in Physics Teaching and Learning”, TU Berlin. 6 October 2005
36. “*Modelling of phenomena connected to learning about superconductivity*”. V. Engstrøm, M. Michelini, F. Corni, G. Karwasz. Workshop at “Modeling in Physics and Physics Education”, GIREP conference, University of Amsterdam. 20 August 2006
37. “*Modelling in the context of the SUPERCOMET 2 Project*”. V. Engstrøm, F. Bradamante, F. Esquembre, L. Mathelitsch, M. Michelini, B. Schorn, V. D. Teodoro. Poster at the “11th International Conference on Multimedia in Physics Teaching and Learning”, University of Szeged. 21 September 2006
38. “*Superledning som kontekst for fysikkundervisning: SUPERCOMET*”. A. Isnes, V. Engstrøm. Presentation at “Naturfagkonferansen 2006”, University of Oslo 26 October 2006
39. “*SUPERCOMET 2: (not only) superconductivity for secondary schools*”. W. Peeters, L. Mathelitsch, V. Engstrøm. Workshop at “Science on Stage 2” conference, Grenoble. 2 April 2007
40. “*Teacher training of pupil-active learning in superconductivity and electromagnetism with interactive animations, simulations and minds-on simple experiments connected to learning about superconductivity*”.

V. Engstrøm, L. Mathelitsch, W. Peeters, F. Esquembre, M. Michelini, G. Karwasz, C. Holotescu, G. Ireson. Pres. at “Frontiers of Physics Education”, GIREP-EPEC 2 conference, Opatija. 29 August 2007

Invited Talks

41. *“The Search for Life in the Universe. Afterword to the movie ‘Contact’”*
Public lecture at U of Oslo Science Festival “Astrofestivalen”, Blindern, Oslo. Nov 2001
42. *“The Search for Life in the Universe. Afterword to the movie ‘Contact’”*
Public lecture at U of Oslo Science Festival “Astrofestivalen”, Blindern, Oslo. Nov 2002
43. *“The Search for Life in the Universe. Afterword to the movie ‘Contact’”*
Public lecture at U of Oslo Science Festival “Astrofestivalen”, Blindern, Oslo. Nov 2003
44. *“Das SUPERCOMET 2 Projekt”*. V. Engstrøm, B. Schorn.
Presentation (in German) at Teacher seminar, University of Graz. 3 April 2006
45. *“Spredning og forankring av resultater. Erfaringer fra en liten SMB”*.
V. Engstrøm. Lecture at EU seminar, Voksenkollen. 24 October 2006
46. *“The Technology of the Star Wars Universe”*
Public lectures at U of Oslo Science Festival “Astrofestivalen”, Blindern, Oslo.
11 & 12 November 2006
47. *“Teacher training of pupil-active learning in superconductivity and electromagnetism with interactive animations for secondary schools”*
W. Peeters, V. Engstrøm. Workshop at Annual meeting of Polish Science Teachers’ Association, Torun. 9 September 2007
48. *“Teacher training of pupil-active learning in superconductivity and electromagnetism with interactive animations, simulations and minds-on simple experiments”*. V. Engstrøm, L. Mathelitsch, W. Peeters, F. Esquembre, M. Michelini, G. Karwasz, C. Holotescu, G. Ireson. Presentation at the “12th International Conference on Multimedia in Physics Teaching and Learning”, University of Wroclaw. 13 September 2007
49. *“The Search for Life in the Universe”*
Public lecture at U of Oslo Science Festival “Astrofestivalen”, Blindern, Oslo.
18 November 2007
50. *“Teacher training of pupil-active learning in superconductivity and electromagnetism with experimental kits for secondary schools”*
A. Karbowski, V. Engstrøm.
Workshop at Annual meeting of Polish Science Teachers’ Association, Torun.
14 September 2008
51. *“Sounds and Hearing”*
Public lecture at U of Oslo Science Festival “Astrofestivalen”, Blindern, Oslo.
9 November 2008

Others

52. *Physics to the public*
Demonstration of superconductors and liquid nitrogen.
NTNU Science Festival “Forskningsdagene”, Trondheim City Square. September 1998
53. *Mathematics to the public*
Demonstration of mathematical games and puzzles.
NTNU Science Festival “Forskningsdagene”, Trondheim City Square. September 2001

54. *Physics online*
Text on the senses taste, smell and hearing for project by Norwegian Physical Society led by M. Baziljevich. Spring 2002. Available: www.fysikknett.no
55. *Mathematics online*
Text on the “Number of the day” for project by National Centre for Mathematics Education led by I. M. Stedøy. Spring 2002. Available: www.matematikk.org
56. *On TV (Norwegian National Broadcasting channel 1)*
NRK 1, participation in “Newton” with a demonstration of superconductors. 7 November 2002.
57. *Physics to the public*
Demonstration of superconductivity and electromagnetic induction. Warsaw Science Festival “Festival Nauki 14”, Warszawa. 14 June 2010
58. *Physics to the public*
Demonstration of Möbius Magnetic Track for Superconducting Maglev Train. Warsaw Science Festival “Festival Nauki 15”, Warszawa. 28 May 2011
59. *Physics to the public*
Demonstration of Möbius Magnetic Track for Superconducting Maglev Train. Université Paris-Sud, Orsay. 13 October 2011
60. *Physics to the public*
Demonstration of Möbius Magnetic Track for Superconducting Maglev Train. Palais de la Découverte, Paris. 14 October 2011
61. *Physics to the public*
Demonstration of Möbius Magnetic Track for Superconducting Maglev Train. Annual National Science Education Conference, Oslo. 20-21 October 2011