Curriculum Vitae

Morten Dæhlen

Januar 2006

Name:	Morten Dæhlen
Current position:	Professor, Head of Department, Department of Informatics, University of Oslo Special Advisor (part time), Simula Research Laboratory & Simula Innovation
Date of birth:	July 28, 1959
Nationality:	Norwegian

Education

1989	Dr. Scient. in numerical analysis, Department of Informatics, University of Oslo
1985	Cand. scient. (M.Sc.) in numerical analysis, Department of Informatics, University of Oslo

Employment history

2005 – current	Head of department, Department of Informatics
1998 - current	Professor, Department of Informatics, University of Oslo
2005 – current	Special Advisor (part time), Simula Research Laboratory/Simula Innovation
2002 - 2004	Managing Director, Simula Innovation
2003 - 2004	Research Director, Scientific Computing, Simula Research Laboratory
2001 - 2002	Managing Director, Simula Research Laboratory
1999 - 2000	Executive Director, Science and Technology, Research Council of Norway.
1992 - 1997	Professor (part time), Department of Informatics, University of Oslo.
1994 - 1997	Research Director, SINTEF
1992 - 1994	Department Manager, SINTEF
1990 - 1999	Chief Scientist, SINTEF
1985 - 1990	Research Scientist, SINTEF
1987 – 1987	Research assistant, Department for Computer Science, University of Utah
1983 – 1983	System programmer, The Norwegian Defence Data Centre (military service)
1981 – 1982	System programmer (part time), USIT, University of Oslo

Current Research interests

- Geometric modeling, computer graphics and interactive visualization
- Multi-resolution modeling for streaming and visualization of huge data sets
- Scattered data approximation, data integration, data reduction
- Modeling and visualization for geoscience and medical applications

Professional activities

1. Editorials

- Computer Graphics Forum, Eurographics´94, editor,(1994),
- Mathematical Methods for Curves and Surfaces III, Vanderbilt University Press, editor, (1995),
- Numerical Methods and Software Tools in Industrial Mathematics, Birkhauser/Springer, editor, (1997).
- Mathematical Methods for Curves and Surfaces IV, Vanderbilt University Press, editor,(1998),
- Mathematical Methods for Curves and Surfaces VI, Nashboro Press, editor, (2005),
- eScience and Applications, Springer, editor, (2004/2005),
- Computer Graphics forum, editorial board, (1994-current).

2. Conferences and workshops

- eScience and Application, organizer, (2004).
- Mathematical Methods for Curves and Surfaces III, organizer (1994),
- Mathematical Methods for Curves and Surfaces IV, organizer (1997),
- Mathematical Methods for Curves and Surfaces VI, organizer (2004),
- Computer Graphics in Norway, organizers (2003),
- Eurographics 1994, program chairman (1994),
- Eurographics 1995, program committee (1995),
- ScanGIS'95, program committee (1995),
- ScanGIS'97, program committee (1997),
- ScanGIS'99, program committee (1999),
- The fourth SIAM Conference on Geometric Design, program committee (1995),
- Modern Software Tools in Scientific Computing (SciTools'98), organizer, 1998,

3. Technology transfer activities

- Co-founder of Numerical Objects AS in 1997, a company developing and selling the software system Diffpack (Software for PDEs), technology sold to InuTech GmbH in 2003.
- Co-founder of Silent Wings AS in 2004, a company developing and selling flight simulation software and related products for real time visualization
- Active as advisor for several "start up" companies, and is on regularly basis used as technical advisor by commercialization units and venture companies.
- Participated, both as researcher and project manager, in approximately 60 R\&D-projects with Norwegian and foreign industry.
- Developed the EFFECT model for research-based innovation and technology transfer.
- Founder of Simula Innovation AS in 2003, the technology transfer office at Simula Research Laboratory AS.
- Co-founder of Birkeland innovasjon AS, the technology transfer office at University of Oslo.

4. Other professional activities

- National program on geographical IT, The research council of Norway, board member, (1994-1997).
- Toolkits in Industrial Mathematics, Sintef, program manager (1992-1995),
- DynaMap-Management and Use of Rich, Dynamic Geographical Information, sintef, program manager (1997-1999),
- Norwave AS, board member, (1996-2001),
- SINTEF Petroleum Research AS, board member, (1996-1997),
- Oslo Research Park AS, board member, (1997-1998),
- The Governmental IT-Forum, board member, (1997-2000),
- The Governmental Negotiation Group for the Fornebu process, committee member, (1999-2000),
- National program on ICT-research, board member (2001-current),
- High performance computing planning committee, The Research Council of Norway, committee member (2001 -2002).
- Scientific computing, UniFob, member of advisory board, (2002-current),
- Abelia Research Committee, committee member, (2002-2005),
- Planning board Birkeland Innovation AS (Technology transfer office at University of Oslo), chairman, (2003),
- Intermedia UiO, board member (2004-current),
- eScience forum, chairman, (2003-2005)
- Viten &Verdi, program committee, (2003)
- Venture Cup, referee, (2003-2004)
- eScience Planning Committee, Research Council of Norway, chairman, (2005)
- ESRFRI (European Strategy Forum on Research Infrastructures, expert group on Computing and Data Treatment, member, (2005-current)
- eScience; Infrastructure, Theory and Applications, Research programme at The Research Council of Norway, chairman, (2006 - current)

5. Miscellaneous

- Referee work for international journals on regular basis
- Active in several political initiatives on research and innovation over the past years
- Published several articles on research politics and popular science in newspapers and magazines
- Several popular science appearances on Norwegian television (NRK) since 2001
- Chairman for the realist association at UiO (Realistforeningen), (1982).
- Written texts for and acted in approximately 40 cabarets between 1983 and 1989.

Scientific work and profile

1. Research and innovation

My current research interest is within modeling and visualization of huge data sets with emphasis on triangle-based representation of surface geometries. During the past years I have been involved in several research activities:

Modelling with box spline surfaces. In particular, we studied box splines on three direction meshes and how box splines could be used for surface modeling. Among other things we used iterative solvers to compute coefficients of box-spline functions and obtained fast convergence.

Modelling spatio-temporal data with emphasis on problems appearing in geographical and geological applications. This work dates back to my period in Sintef where we were engaged in numerous projects on geographical information systems and projects with the petroleum industry. In particular, we worked on challenges related to consistency between various geographic/cartographic data types and in finding compact and efficient representations of geometric objects.

Multiresolution modeling and data reduction. Our focus has been on algorithms for decomposition curves and surfaces and on multi-level modeling of triangle-based surfaces and volumetric data.

Scattered data modeling. We have developed several methods for scattered data approximation and modeling, of which several are used in geological and medical application. In particular we have had focus on global methods for approximating huge data sets using iterative solvers to compute coefficients of functions over regular and irregular meshes.

Curve and surface modeling. Among other things we have developed methods for constructing curve and surface approximation to circle segments, boundaries of handwritten symbols and biomedical data in three dimensions.

Modelling of huge data sets for streaming and rendering purposes. With focus on real-time rendering in fly-through applications, we have developed methods and software for constructing multi-level triangulations of huge data sets representing the Earth surface. We have also introduce a hybrid model using a quad-tree method for decomposing the domain of interest and an irregular triangular network for modeling details, e.g. river systems, ridges, etc. This model is also suited for data streaming.

Students. I have been supervisor and co-supervisor for approximately 40 master students at University of Oslo and NTNU. One student has finished his PhD under my supervision and three are in progress.

Innovation and technology transfer. All through my scientific carrier I have been engaged in technology transfer issues ranging from popular science appearances on Norwegian television to the founding of commercial companies based on research results. I have been co-founder of two new companies and advisor in several commercialization projects. Today I am in charge of Simula Innovation AS, a subsidiary responsibility for technology transfer from Simula Research Laboratory. In 2003 I was chairman for committee that lounged the technology transfer office at the University of Oslo - Birkeland Innovation AS.

2. Management

I have headed several research projects, in particular during my period at Sintef. These projects were research programs supported by the Research Council of Norway, projects funded by EU, and contract research projects with industry and public sector.

I have been department manager and research director at Sintef, managing director for Simula Research Laboratory AS, and managing director for Simula Innovation AS. I have also had a period as executive director for the Science and Technology division at the Research Council of Norway. Currently, I am head of the department for informatics at the University of Oslo.

Since I finished my PhD in 1989 I have constantly headed research projects, research groups or institutions working with research, innovation and research politics.

3. Research politics

Over the past decades, the level of research funding in Norway has gradually been reduced compared to other countries, and as we move into the 21th century the level of research in Norway is far below the average of the OECD-countries measured with respect to the gross national product (GNP). However, during the past 4-5 years Norway has increased its research budgets and it seems that there is a political consensus that Norway must reach the average of the OECD-countries as soon as possible. Since 1994, I have been heavily engaged in research politics in Norway and I have participated in several initiatives. I believe that my effort (of course together with a few other individuals in Norway) has been fruitful for information technology and mathematics in particular and science and technology in general. As head of the

department for informatics at the University of Oslo, I will continue my efforts on increasing research and innovation funding in Norway.

List of publications

January 2006

Morten Dæhlen

Books

1. Ø. Hjelle and M. Dæhlen, Triangulations and Applications, Springer Verlag, to appear, 2006. (250 pages)
2. M. Dæhlen, K.Mørken and L.L. Schumaker, Mathematical Methods for Curves and Surfaces VI, Nashboro Press, Nashville, 2005, (386 pages)
3. M. Dæhlen, T. Lyche and L.L. Schumaker, Mathematical Methods for Curves and Surfaces II, Vanderbilt Press, Nashville, 1998. (600 pages)
4. M. Dæhlen and A. Tveito (eds), Numerical Methods and Software Tools in Industrial Mathematics, Birkhauser 1997. (400 pages).
5. M. Dæhlen, T. Lyche and L.L. Schumaker, Mathematical Methods for Curves and Surfaces, Vanderbilt Press, Nashville, 1995. (600 pages)
6. M. Dæhlen and L. Kjelldahl (eds.), Computer Graphics Forum, vol. 13, no. 3 (Conference issue Eurographics'94), 1994. (550 pages)

Papers in international journals

7. Ø. Hjelle and M. Dæhlen, Multilevel least squares approximation of scattered data over binary triangulation, Computing and Visualization in Science, Vol. 8, No. 2, Springer Verlag, 2005, pp. 83-91.
8. M. Dæhlen, T. Lyche, K. Mørken, R. Schneider and H-P. Seidel: Multiresolution analysis over triangles, based on quadratic Hermite interpolation, J. of Comp. and Applied Math., 119, pp. 97-114, 2000.
9. M. Dæhlen and P.G. Holm: Matrix decomposition and data reduction, Computers and Graphics 19(2), 1995.
10. E. Arge, M. Dæhlen, A.Tveito: Approximation of scattered data using smooth grid functions, J. Comp. Appl. Math., 59, pp. 191-205, 1995.
11. M. Dæhlen and M. Floater: Iterative polynomial interpolation and data compression, Numerical Algorithms 5, pp 165-177, 1993.
12. E. Arge, M. Dæhlen and A. Tveito: Box-splines; A computational study. J. Comput. and Appl. Math. 44, pp. 303-329, 1992.
13. E. Arge and M. Dæhlen: Grid point interpolation on finite regions by C1 box splines, SIAM J. on Num. Anal., pp. 1136-1153, 1991.

14. T. Dokken, M. Dæhlen, T.Lyche and K. Mørken: Good approximation of circles by curvature-continuous Bézier curves, Computer Aided Geometric Design, pp. 33-41, 1990.

15. T. Taxt, J.B. Olafsdottir and M. Dæhlen: Recognition of handwritten symbols, Journal of Pattern Recognition, pp. 1155-1166, 1990.

16. M. Dæhlen and T. Lyche: Bivariate interpolation with quadratic box splines, Math. Comp. 51, pp. 219-230, 1988.

17. M. Dæhlen: An example of bivariate interpolation with translates of C0-quadratic box splines on a three direction mesh, Computer Aided Geometric Design, 4, pp. 251-255, 1987.

Papers in proceedings and book chapters

18. M. Dæhlen, M. Fimland and Ø. Hjelle: A triangle-based carrier for geographical data, Spatial Information and the Environment, Peter Halls (ed.), Taylor and Francis Books Ltd, 2001.

19. M. Dæhlen: Hierarchical structures and domain decomposition for terrain models, ScanGIS'99, Erik Stubkjær (ed.), pp. 12-24, 1999.

20. M. Dæhlen and M.Fimland: Constructing hierarchical terrain models by edge-ordering over triangulations, ScanGIS'99, Erik Stubkjær (ed.), pp. 25-38, 1999.

21. G. Bjaalie, M. Dæhlen and T.V. Stensby: Surface modelling from biom J edical data, Numerical methods and Software Tools in Industrial Mathematics, M. Dæhlen and A. Tveito (eds.), Birkhauser, pp. 329-346, 1997.

22. E. Arge and M. Dæhlen, Data reduction for piecewise linear curves, Numerical methods and Software Tools in Industrial Mathematics, M. Dæhlen and A. Tveito (eds.), Birkhauser, pp. 347-364, 1997.

23. E. Arge, M. Dæhlen and Ø. Hjelle: Mathematical software for terrain modelling, proceeding ScanGIS'95, J.T. Bjørke (ed.), pp. 297-309, 1995.

24. G. Misund and M. Dæhlen: On consistent modelling of geographic information, proceeding ScanGIS'95, J.T.Bjørke (ed.), pp. 100-112, 1995.

25. M. Dæhlen and T. Lyche Refinement Techniques in Computer Graphics, Eurographics'94, State of the art reports, pp 77 –110, 1994.

26. E. Arge and M. Dæhlen, An algorithm for grid generation, NGG'93, H. Tveite (ed.), 215-240, 1993.

27. E. Arge and M. Dæhlen, On generalization of geometric objects, NGG'92, J. T. Bjørke (ed.), pp. 91-99, 1992.

28. M. Dæhlen and T. Lyche: Decomposition of splines, Mathematical Methods in Computer Aided Geometric Design II, T.Lyche and L.L. Schumaker (eds.), Academic Press, pp. 135-160, 1992.

29. M. Dæhlen and Ø. Strandli: New methods for compression and manipulation of ECDIS data, Proceeding Canadian Hydrographic Conference, Quèbec, Canada, pp. 151-156, 1991.

30. M. Dæhlen and T. Lyche: Box splines and applications, Geometric Modelling: Methods and Applications, H. Hagen and D. Roller (eds.) Springer, pp. 35-94, 1991.

31. M. Dæhlen: Modelling with box splines surfaces, Curve and Surface Design, H. Hagen (ed.), Siam publication, pp. 191-205, 1991.

32. M. Dæhlen and T. Dokken: Spline decomposition for surface manipulation, Product Modelling and Computer-Aided design and Manufacturing, J. Turner, J. Pegna and M. Wozny (eds.), Elsevier Science Publishers (North-Holland), pp. 31-38, 1991.

33. P. Evensen, M. Irgens, S. Carlsen, A.M. Ytrehus and M. Dæhlen: GeoRes – A system for automatic generation of CAD surface models from measured data, Proceeding of the 10^{th} int. conf. on CAD/CAM, Comp. Graphics and Computer Aided Technologies, MICAD'91, pp. 687-709, 1991.

34. M. Dæhlen, P. Hovdenak and H.B. Helle, Compression of data for modelling geological and geophysical surfaces – a new approach based on B-splines, Proceeding SEG-91, Houston, 1991.

35. M. Dæhlen and P.G: Holm: Compression of solar spectral images, Proceeding ESA-conference, Noordwijk, 1991.

36. E. Arge, M. Dæhlen, T. Lyche and K. Mørken: Constrained approximation of functions and data based on constrained knot removal, Algorithms for Approximation II, J.C. Mason and M.G. Cox (eds.) Chapman and Hall, pp. 4-20, 1990.

37. M. Dæhlen, J.B. Olafsdottir and T. Taxt: Feature extraction for parametric spline curves, Proceeding NOBIM, F. Albregtsen (ed.) pp. 5-10, 1989.

38. M. Dæhlen and V. Skytt: Modelling non-rectangular surfaces using box splines, Mathematics of Surfaces III, D. Handscomb (ed.), pp. 187-300, 1989.

39. M. Dæhlen: On the evaluation of box splines, Mathematical Methods in Computer Aided Geometric Design, T. Lyche and L.L. Schumaker (eds.), Academic Press, pp. 167-179, 1989.

40. M. Dæhlen: B-splines in geometric modelling, CAD/CAM and Mathematical Modelling, BRITE Workshop proceeding, 1988.

Research reports and preprints

41. M. Dæhlen and T. Sevaldrud: Multi-level triangulation for real-time rendering, technical report, Simula Research Laboratory, 2004.

42. M. Dæhlen and M. Fimland: Resolving inconsistencies in multi-level terrain models with water networks, Technical report, Simula Research Laboratory, 2004.

43. M. Dæhlen: Simula Research Laboratory – Early days!, 2001

44. M. Dæhlen and Ø Hjelle: A hierarchical framework for triangle-based surfaces and polygonal networks, 2000.

45. M. Dæhlen and T. Sevaldrud : Hierarchical structures for real-time terrain rendering, 1999.

46. G. Westgaard, T. Dokken and M. Dæhlen: Surface lifting using scattered data methods, SINTEF Research report, 1995.

47. M. Dæhlen: Decomposition of parametric curves, SINTEF Research report 1993.

48. M. Dæhlen: Surface decomposition and data reduction, SINTEF Research report, 1993.

49. M. Dæhlen: Toolkits for the construction and manipulation of geographical data, SINTEF Research report, 1993.

50. M. Dæhlen and G. Misund: Geographical data in multi-models, SINTEF research report, 1993.

51. M. Dæhlen: Cartographic generalization in geographical information systems, SINTEF Research report, 1993.

52. M. Dæhlen and Ø Hjelle: Compact representation of seismic sections, SINTEF Research report, 1993.

53. E. Arge, M. Dæhlen and A. Tveito: A strategy for the approximation of large scattered data sets, SINTEF Research report, 1993.

54. E. Arge, M. Dæhlen, G. Misund and G. Westgaard: Efficient numerical line generation; SINTEF Research report, 1993.

55. P. Evensen, M. Irgens, S. Carlsen, A.M. Ytrehus and M. Dæhlen: Model bases reasoning; Background, possibities and a prototype example, SI Research report, 1991.

56. O.A. Steinlein, Ø. Hjelle and M. Dæhlen: Compact digital representation of seismic sections, SI Research report, 1992. (Poster session at the conference “Petroleum Exploration and Exploitation in Norway”, Stavanger 1991.)

57. E. Arge and M. Dæhlen: Simplification of piecewise linear curves; SI Research report, 1991.

58. E. Arge and M. Dæhlen: Data dependent subdivivison, SI research report, 1991.

59. E. Arge, M. Dæhlen and A. Tveito: Computing smooth box spline approximations to regularly scattered data, SI research report, 1991.

60. E. Arge, G. Hasle and M. Dæhlen: methods for optimisation and risk level calculation in TOPP, SI research report, 1991.

61. M. Dæhlen: Knotline removal on box spline surfaces, SI research report, 1991.

62. M. Dæhlen: H.P.Langtangen and A.Tveito: Some research projects in industrial mathematics, 1991.

63. M. Dæhlen and Ø. Strandli: Compression of hydrographic data and its consequences, SI Research report, 1990.

64. M. Dæhlen and G. Westgaard: Compression of hydrographic data, SI Research report, 1990.

65. M. Dæhlen: Box splines and applications of polynomial splines, dissertation, Institute for Computer Science, University of Oslo, 1989.

66. E. Arge and M. Dæhlen: Estimation of cumulative distribution functions using B-splines, Research report no. 129, Institute for Computer Science, 1989.

67. M. Dæhlen: Box spline basics, SI Research report, No. 880108-8, 1989.

68. M. Dæhlen: Box spline surfaces, SI Research report, No. 880108-7, 1989.

69. M. Dæhlen: Bivariate interpolation by box splines on a three direction mesh, Master Thesis, Institute for Computer Science, University of Oslo, 1985.

Reports and notes in Norvegian

70. M. Dæhlen, R. Winther, P. Heggernes, M. Langaas, H. Drange, K. Ruud and E. Nøst, eVitenskap; Infrastruktur, Teori og Anvendelser (eVITA), programplan, Norges forskningråd, 2005.

71. M. Dæhlen and H.Holden, eVITenskap og Anvendelser (eVITA) – forskning i en ny epoke, Mai 2004.

72. M. Dæhlen, Kjetil Taskén, Tellef Thorleifson, Mari Espelund, Pål Rognved og Kathrine Myhre, Etablering av et ”technology transfer office” ved Universitetet i Oslo, Innstilling, 26. september 2003.

73. Morten Dæhlen and Kathrine Myhre, Forskningsbasert nyskaping ved Universitetet i Oslo, Organisering, implementering og drift, April 2003.

74. Morten Dæhlen, Kathrine Myhre, Jessica Katle, and Erling Martmann-Moe, Fra Forsknings til Forretning, Organisering av forskningsbasert nyskaping ved Universitetet i Oslo, February, 2003.

75. Bjarne Røsjø, Erling Martmann-Moe and Morten Dæhlen, EFFEKT – en modell for forskningsbasert nyskaping, June, 2002.

76. Morten Dæhlen, Odd Gropen, and Roar Skålin, Tungregning mot 2010, Norges forskningsråd, august 2002.

77. M. Dæhlen, SIMULA Research Laboratory AS – profilbeskrivelse, 2001.

78. M. Dæhlen, Kompetanseutvikling innen GIS, (extended abstract) ESRI-konferansen, Oslo, 1999.

79. E. Arge, M. Dæhlen and G. Misund: Datamodeller og matematiske metoder for geografiske informasjonssystemer, SINTEF research report, 1993.

80. M. Dæhlen: Teknikker for kompresjon av data, SINTEF Research report, 1993.

81. M. Dæhlen: Geografiske data av ønsket kvalitet; en teknologisk utfordring? Forskningens dag, 1993.

82. M. Dæhlen, T. Dokken, P. Evensen, P.G. Holm, H.P.Langtangen, A. Mo and A. Tveito: Industriell matematikk, SI research report, 1992.

83. P.G. Holm, A. Tveito and M. Dæhlen: Bruk av splines for kompakt og griduavhengig lagring av reservoardata, 1992.

84. J. Nordengen and M. Dæhlen, GIS i grønn sektor; muligheter og nye løsninger, 1992.

85. M. Dæhlen and A. Tveito: Verktøy i industriell matematikk, Proc. IT i industrien, 1991.

86. E. Arge and Morten Dæhlen, Datastrukturer i fremtidens kartsystemer, Infotech'91, 1991.

87. M. Dæhlen: Matematikkens økende betydning i informasjonsteknologi, InfoTech'90, 1990.

88. M. Dæhlen and T. Dokken: Splineteknologi, nye anvendelser og norsk FoU-forsprang, SI Research report, 1990.

89. M. Dæhlen and Ø. Hjelle: Datareduksjon av høgdekurver på digitale kart, Kart og plan, vol. 49, no. 5, pp. 469-471, 1989.

Lecture notes

90. M. Dæhlen, B-splines; Theory, methods and applications, 1991.

Disclosure of invention

91. M. Dæhlen, A. Solberg, E. Arge and T. Sevaldrud, 4D skoleatlas, Birkeland Innovasjon AS, oktober 2005.

92. M. Dæhlen, E. Arge and T. Sevaldrud, Golf course browser, Simula Innovation, November 2004.

Articles in newspapers and popular science on TV

93. M. Dæhlen, Norge 100 år, teknologi og samfunnsutvikling, NRK, juni 2005.

94. M. Dæhlen, Det nødvendige gyldne trekløver for nyskaping, Aftenposten, kronikk, 28. mars 2004.

95. M. Dæhlen, Indeksteoremet, Schrødingers Katt, N RK, februar 2004.

96. M. Dæhlen, Indeksteoremet, Verd å vite, NRK, februar 2004.

97. M. Dæhlen, ”Six degrees of separation”, Breakfast TV (NRK), 10. Nov. 2003.

98. M. Dæhlen, Tverrfaglighet og værvarsling, Sommeråpent, NRK, 25. Jun. 2003.

99. M. Dæhlen and Olav Lysne, Internett og trafikkork, Sommeråpent, NRK, 2. Jul. 2003.

100. M. Dæhlen and Kjetil Taskén, Forskningsbasert nyskaping og HIV-forskning, Sommeråpent, NRK, 9. Jul. 2003.

101. M. Dæhlen, Et forskningsprosjekt – en hjertesimulator, Sommeråpent, NRK, 16. Jul. 2003.

102. M. Dæhlen og Anders Hanneborg, Nanoteknologi, Sommeråpent, NRK, 23. Jul. 2003.

103. M. Dæhlen, Roy Gabrielsen, Leif Lømo and Ole Martinsen, Hvorfor er det olje i Nordsjøen?, Sommeråpent, NRK, 30. Jul. 2003.

104. M. Dæhlen, Jens Grimsgård and Leif Lømo, Fra tall til bilder, Sommeråpent, NRK, 6. Aug. 2003.

105. M. Dæhlen and Kari Nyheim Solbrække, Kvinners posisjon(er) i overgangen fra industri- til informasjonssamfunnet, Sommeråpent, NRK, 13. Aug. 2003.

106. M. Dæhlen and E. Maartmann-Moe, Norges ukjente gullgruve, Dagens næringsliv, kronikk, 13. Februar 2003.

107. M. Dæhlen, Tallene og datamaskinen, Sommeråpent, NRK, 23. Jun 2002

108. M. Dæhlen and Thomas Sevaldrud, Håndtering av store datamengder, Sommeråpent, NRK, 30. jun. 2002.

109. M. Dæhlen and Anders Hanneborg, Mikroteknologi, Sommeråpent, NRK, 6. Jul. 2002.

110. M. Dæhlen, Programmeringsspråket som endret verden, Aftenposten, kronikk, april 2002.

111. R.H. Gabrielsen and M. Dæhlen, Utnytt potensialet i norsk forskning, Bergens tidene, 2001.

112. M. Dæhlen: NRK må forske mer, Dagens næringsliv, kronikk, 2001.

113. M. Dæhlen: År 2046 – 100 år med datamaskin, Dagsavisen, kronikk, 2000.

114. M. Dæhlen: Den nye økonomien – keiserens nye klær!, Aftenposten, kronikk, 2000.

115. M. Dæhlen and T. Pedersen: Kan samfunnet klare seg uten realister?, Teknisk Ukeblad, kronikk, 2000.

116. M. Dæhlen, Status ved et tidskille, Forskning 1, 2000.

117. M.Dæhlen: Forskning er en langsiktig affære, Verd å vite, NRK, 1998.

118. M.Dæhlen, Nye 50 år med datamaskin; Verden blir aldri den samme!, Forskning no. 1, 1997.

119. M. Dæhlen, 50 år med datamaskin, Forskning no. 8, 1996.

120. M. Dæhlen: Datakompresjon; alvor og vitenskapelige hallingkast, Pixel'n, mai 1992.

121. M. Dæhlen and A.Tveito: Matematikk kan brukes. Ingeniørnytt, kronikk, 1991.

122. M. Dæhlen and P.G.Holm: Datakompresjon, Ingeniørnytt, kronikk, 1991.