

BIOGRAPHICAL AND PROFESSIONAL RESUME

Name: Odd Magnus Faltinsen

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E-mail: Odd.Faltinsen@ntnu.no

Date of birth: January 9, 1944

Citizenship: Norway

Education: Cand.real, Applied Mathematics, The University of Bergen, Norway, 1968
Ph.D., Naval Architecture and Marine Engineering, The University of Michigan, USA, 1971

Present position: Professor of Marine Technology and Marine Hydrodynamics (1976 -), Norwegian University of Science and Technology.

Past positions: Research Engineer and Senior Research Engineer, Det Norske Veritas, Oslo, 1968 - 1974.
Associate Professor in Marine Technology, The University of Trondheim, Norwegian Institute of Technology, 1974 - 1976.
Chairman, Department of Marine Technology, Norwegian Institute of Technology, 1982 - 1984
Associate Dean, Faculty of Marine Technology, Norwegian University of Science and Technology, 1996 - 2001.

Other Professional Activities:

Secretary NTNF's Planning Committee for the Ocean Laboratory in Trondheim, 1976

Chairman, Board of Directors, Norwegian Hydrodynamic Laboratories, 1979.

Member, Board of Directors, Norwegian Hydrodynamic Laboratories, 1980 - 1984 (Vice-Chairman 1982 - 1984).

Member, Board of Directors, MARINTEK. 1985 – 1991, 2003 -

Chairman, Board of Directors, Ship Maneuvering Simulator, Norway, 1977 - 1980.

Chairman, Nautical Studies, Norwegian Institute of Technology, 1979 - 1980.

Member, 16th ITTC and 17th ITTC (International Towing Tank Conference) Seakeeping Committee, 1978 - 1984.
19th ITTC Panel on Validation, 1987 - 1990.

Chairman, 18th ITTC Seakeeping Committee, 1984 - 1987.

Chairman, 20th ITTC High Speed Marine Vehicles Committee, 1990-93.

Member, ISSC (International Ship Structure Committee) committees on loads, 1973 – 1981, 1997-2000.

Member, Komité for Marin Virksomhet, NTNf 1986 - 87, 1990

Member, Editorial board, Applied Ocean Research, 1978 - 1992

Member, Editorial board, International Series on Advances in Fluid Mechanics, Computational Mechanics Publications, Southampton, Boston.

Member, Editorial board, Journal of Marine Science and Technology, Springer.

Member, Editorial board, Journal of Hydrospace Technology, The Society of Naval Architects of Korea.

Chairman, Organizing Committee, PRADS '87, (Practical Design in Shipbuilding).

Chairman, Standing Committee, PRADS, 1989 - 1992.

Member, Standing Committee, PRADS, 1995 -

Chairman, Organizing Committee, International Conference Hydroelasticity in Marine Technology, Trondheim, May 1994.

Organizer Minisymposium on Applied Mathematics and Theoretical Mechanics in Ship and Ocean Engineering, The Third International Congress on Industrial and Applied Mathematics, Hamburg 1995.

Chairman Local Organizing Committee, 21st Symposium on Naval Hydrodynamics, Trondheim, 1996.

- Member, Organizing Committee, 21st ITTC, Trondheim.
- Member, International Board of Advisors of Madrid Polytechnic University, 1991 -
- Member, Committee for the evaluation of scientific activity at INSEAN, Rome, Italy, 2001 – 2004.
- Referee, Journal of Ship Research, National Science Foundation, USA, Journal of Applied Ocean Research, Journal of Fluid Mechanics.
- Main supervisor, for Dr.ing. committees for Tor E. Berg, S.O. Skjørdal, N. Liapis, B. Pettersen, H. Rye, R. Børresen, J.V. Aarsnes, N. Skomedal, V. Aanesland, W. Lian, S. Falck, A. Braathen, J.R. Hoff, R. Zhao, G. Løland, J. Krokstad, H.J. Bjelke Mørch, A. Sørensen (co-supervisor), S. Steen, J. Kvålsvold, T. Ulstein, A.K. Bratland, K. Herfjord, F. Solaas, E. Pedersen, E.M. Haugen, R. Tønnessen, H. Haslum, R. Baarholm, M. Greco, O. Rognebakke, Q. Yang, M. Ronæss, Chunhua Ge (co-supervisor), Vidar Tregde, Muthu Chezian, S. Ersdal, A. Fredheim. Xinying Zhu, Hui Sun, Csaba Pakozdi, Guttorm Grytøyr, Renato Skejic, Tone Vestbøstad, Xiangjun Kong, David Kristiansen, Yanlin Shao, Bjørn Abrahamsen, Linlin Jiao, Jikun You, Xu Xiang, Reza Firoozkoobi, Babak Ommani
- Member, doctoral committees for dr.philos Arnold F. Bertelsen (Univ. Bergen), dr.philos John Grue (Univ. Oslo), dr.techn. Martin Greenhow (NTH), Ph.D. Mickey Johansson (Chalmers Univ. of Technology), dr.ing Tonni Franke Johansen (NTH), dr.techn. Rong Zhao, (NTH), Ph.D. Ming-yi Tan (University of Southampton), Ph.D. Henk J. Prins (Technical University of Delft). Ph.D. Michael S. Bradley (University of Surrey), Ph.D. Aurora Xiameng Lei (Chalmers University of Technology), Carl-Erik Jansson (Chalmers University of Technology), Joar Dalheim (NTNU), D. Holloway (University of Tasmania), F. vanWalree (Delft University of Technology), J.C. Moulijn (Delft University of Technology), K. Dodworth (University of Strathclyde), Morten Huseby (Univ. Oslo), B. Donguy (Nantes), Y.M. Socolan (Marseille), A. Bereznitski (Delft University of Technology), Bernhard Godderidge (University of Southampton), Jan van Kessel (Delft University of Technology), Johan Tuitman (Delft University of Technology), Sopheak Seng (Technical University of Denmark).
- External Examiner, Department of Ship and Marine Technology, University of Strathclyde, 1993
- Visiting professor, Department of Ocean Engineering, Massachusetts Institute of Technology, Cambridge, July 1980 - August 1981, August 1987 - July 1988, August-September 1994, January-July 1995.

Visiting professor, Research Institute of Applied Mechanics, Kyushu University, Japan, 1. October - 31. December 1994, 15. January – 15. March 2003.

Visiting professor, INSEAN, Rome, Italy, 1. September – 30. November 2002.

Fellowship Japan Society for the Promotion of Science, 1994, 2003.

Project leader, Growth Point Centre on Hydroelasticity at NTH/SINTEF, 1991 - 1996
Strong Point Centre on Hydroelasticity at NTNU/SINTEF, 1997 -

Management team Centre of Excellence on Ship and Ocean Structures (CeSOS), NTNU, 2002-2012

Senior Scientific Advisor, Centre for Autonomous Marine Operations and System (AMOS), NTNU, 2013-

Awards and honors:

15th Georg Weinblum Lecture, 1992-1993

Third Annual Honors Lecture, The Offshore Technology Research Centre, College Station and Austin, Texas, 1993

The Fridtjof Nansen's award for outstanding research in science and medicine, 2011

The 26th International Workshop on Water Waves and Floating Bodies held in Athens on April 17-20, 2011 was dedicated to Professor Odd M. Faltinsen for his lifetime scientific achievements.

Professor Odd Faltinsen Honoring Symposium on Marine Hydrodynamics, OMAE 2013, Nantes, France, June 9-14, 2013

OOAE Division-ASME Lifetime Achievement Award recipient, in grateful recognition of significant lifetime contributions to marine and offshore hydro dynamics. June 2013.

Member, Norges Tekniske Vitenskaps akademi (Norwegian Academy for Technical Sciences), 1976 -

Member, Det norske Vitenskaps-Akademi (Norwegian Academy of Science and Letters), 1988 -

Foreign associate, National Academy of Engineering of the United States of America, 1991 -

Member, Det Kongelige Norske Videnskabers Selskab (The Royal Norwegian Society of Sciences and Letters), 1995 –

Foreign member, Chinese Academy of Engineering, 2007-

Visiting professor, University College London, 2005 -

Honorary professor, Harbin Engineering University, 2008-

Academic Master, Dalian University of Technology, 2010-

Keynote, Invited and honors lectures

1. Hydrodynamic loads on marine structures, *Initial lecture*, XVIth International Congress on Theoretical and Applied Mechanics, IUTAM, Denmark, 1984
2. Second order nonlinear interaction between wave and low frequency body motion, *Keynote lecture*, IUTAM Symposium on Nonlinear Water Waves, Tokyo, 1987
3. Wave and current induced motions of floating production system, *Keynote Lecture*, NSF Workshop on riser mechanics, University of Michigan, Ann Arbor. 1992
4. On seakeeping of conventional and high-speed vessels, 15th Georg Weinblum Lecture, Berlin (1992), Washington D.C. (1993).
5. Sea loads on floating offshore systems, Third Annual Honors Lecture, The Offshore Technology Research Centre, College Station and Austin, Texas, 1993. (Also Technical Keynote Lecture OTC, Houston).
6. Wave loadings and motions of ships and high speed marine vehicles. *Invited Lecture*, 20th Symposium on Naval Hydrodynamics, University of California, Santa Barbara, 1994.
7. Wave induced motions and loads on ships and offshore structures, *Keynote Lecture*, International Conference on Hydrodynamics, Wuxi, China, 1994.
8. High Speed Vehicles in Waves, *Invited lecture*, 11th Ship and Marine Dynamic Symposium, The Society of Naval Architects of Japan, Tokyo, 1994
9. Water impact and hydroelasticity, *Invited lecture*, CETENA Seminar on Hydroelasticity for Ship Structural Design, Genova, Italy, February 1996
10. Slamming, *Invited lecture*, Advances, Ship and Offshore Hydro-dynamics, Institut für Schiffbau, Hamburg. 21 March, 1996

11. Slamming, *Invited Lecture*, 5th WEGEMT Workshop Non-linear Wave Action on Structures and Ships, University of Toulon, France, Sept. 1998
12. Hydroelasticity of High-Speed Vessels, *Keynote Lecture*, 2nd. International Conference on Hydroelasticity in Marine Technology, Fukuoka, Japan, Dec. 1-3, 1998
13. Hydroelasticity in marine technology, *Invited lecture*, Symposium in Honor of Prof. Dr. Tarik Sabunchu, Istanbul Technical University, Turkey. 1998
14. Sloshing and slamming in tanks, *Invited Lecture*, HYDRONAV'99-MANOEUVRING'99, Gdansk-Ostrada, Poland, 1999
15. Slamming on Ships, *Keynote lecture*, IMAM2000, Naples, Italy, 2000
16. Water Impact in Ship and Ocean Engineering, *Keynote lecture*, 4th Int. Conf. on Hydrodynamics (ICH2000), Yokohama, Japan, 2000
17. Sloshing, *Keynote lecture*, NAV2000, Venice, Italy, 2000
18. Hydroelasticity in marine technology, *Keynote lecture*, SIMAI'2000, Ischia, Italy, 2000
19. Green water loading on a FPSO, *Invited lecture*, 20th Int. Conf. Offshore Mech. and Arctic Eng. (OMAE 2001), June 3-8, Rio de Janeiro, Brazil, 2001
20. Slamming with application to planing vessels, green water loading and sloshing, *Invited lecture*, Int. Conf. in Honor of Prof. Ohkusu on the occasion of his retirement, Fukuoka, Japan, 2001
21. Steady and vertical dynamic behavior of prismatic planing hulls, *Invited lecture*, HADMAR, Varna, Bulgaria. 2001
22. Slamming on wetdeck-local and global analysis, *Invited Lecture*, HSMV, Naples, Italy. 2002
23. Sloshing modelling in marine applications, *Invited lecture*, International Symposium for Young Researchers on Modelling and Their Applications, Osaka University. 2002
24. Some hydrodynamic challenges for FPSO's, *Keynote Lecture*. OTRC 2002 Deepwater Field Measurements: Status and future needs workshop, TAMU, College Station, Texas, 2002
25. Hydrodynamics aspects of high-speed vessels, *Keynote lecture*, FAST 2003, Ischia, Italy. 2003

26. Challenging hydrodynamic aspects of conventional and high-speed vessel, *Keynote lecture*, Int. Symp. Nav. Arch and Ocean Eng, Shanghai Jiao Tong University, China. 2003
27. Hydrodynamics of high speed marine vehicles, *Keynote lecture*, 6th Intern. Conf. on Hydrodynamics, Perth, Australia. 2004,
28. Strongly nonlinear flows in seakeeping, *Keynote lecture*, Int. Conf. on Marine Research and Transportation, (IMCRT'05), 19-21 Sept., Ischia, Dept. of Nav. Arch. and Mar. Engng., University of Naples "Federico II. 2005.
29. Seakeeping, stability and maneuvering of high-speed marine vehicles, *Keynote lecture*, HSMV 2005, Naples, Italy, Dept. of Nav. Arch. and Mar. Engng., University of Naples "Federico II, 21-23. Sept. 2005
30. Challenges in experimental and numerical modelling with emphasis on high-speed marine vehicles, *Keynote lecture*, ICHD 2007, Ischia, Italy. 28-30 June, 2007.
31. Sloshing with emphasis on ship applications, *Keynote lecture*, The 6th Osaka Colloquium on Seakeeping and Stability of Ships, Osaka, Japan. 26-29th March, 2008,
32. Analytically based sloshing analysis, *Invited lecture*, Symposium on Marine Hydrodynamics at Seoul National University, Korea. April 18 2008
33. Challenges in ship and ocean technology, *Invited Lecture*, Engineering Science and Fostering Talented Engineers, The 9th General Assembly of the Chinese Academy of Engineering, Beijing, China. 22-27 June 2008
34. Sloshing with marine and land-based applications, *Keynote lecture*, 8th International Conference on Hydrodynamics (ICHD 2008), Nantes, France, Oct. 1st – Oct. 3rd. 2008
35. Sloshing with ship applications, *Keynote lecture*, Proceedings of 13th Congress of Intl. Maritime Assoc. of Mediterranean (IMAM2009), Istanbul, Turkey, 14p. 12-15 September 2009
36. Dynamic behavior of semi-displacement and planing vessels in calm water and waves, *Keynote lecture*, HSMV2011, Naples, 2011
37. Modeling of manoeuvring with attention to ship-ship interaction and wind waves, *Keynote lecture*, 2nd International Conference on Ship Maneuvering in Shallow and Confined Water: Ship-Ship Interaction, Trondheim, 2011
38. Faltinsen, O.M., 2011, *Keynote lecture*, Sea loads on ships and ocean structures, 7th International Workshop on Ship Hydrodynamics, 16-19 September, Shanghai, China

Publications - Professor Odd M. Faltinsen

A. Author of books:

1. Faltinsen, O.M., 1990, *Sea Loads on Ships and Offshore Structures*, Cambridge, England : Cambridge University Press.
2. Faltinsen, O.M., 1993, *Sea Loads on Ships and Offshore Structures*, Paperback Version, Cambridge University Press, Cambridge, England.
3. Faltinsen, O.M., 1999, *Sea Loads on Ships and Offshore Structures*, Korean translation, The Society of Naval Architects of Korea.
4. Faltinsen, O.M., 2005, *Hydrodynamics of High-Speed Marine Vehicles*, Cambridge University Press.
5. Faltinsen, O.M., 2007, *Hydrodynamics of High-Speed Marine Vehicles*, Chinese translation, National Defense Industry Press.
6. Faltinsen, O.M., 2007, *Sea Loads on Ships and Offshore Structures*, Chinese translation, Shanghai Jiao Tong University Press.
7. Faltinsen, O. M., Timokha, A. N., 2009, *Sloshing*, Cambridge University Press
8. Faltinsen, O. M., Timokha, A. N., 2012, *Sloshing*, Chinese translation, National Defense Industry Press.

B. Books (editor)

1. Faltinsen et al. (eds) 1994, Proc. International Conference on Hydroelasticity in Marine Technology, Balkema, Rotterdam.
2. Holden, K.O., Faltinsen, O.M., Moan, T., (eds) 1991, Proc. First International Conference on Fast Sea Transportation, Tapir Publishers, Trondheim, Norway.

C. Publications in Journal and Proceedings of international conferences

1. Salvesen, N., Tuck, E.O., Faltinsen, O.M. , 1970, Ship motions and sea loads. SNAME Transaction.
2. Faltinsen, O.M., Tjøtta, S., 1971, Interaction between sound waves propagating in the same direction, B.A.S. specialist Meeting on Nonlinear Underwater Acoustics, University of Birmingham, April.
3. Nordenstrøm, N., Faltinsen, O.M., Pedersen, B., 1971, Prediction of Wave-Induced Motions and Loads for Catamarans , Offshore Technology Conference.

4. Faltinsen, O.M. , 1972, Wave Forces on a Restrained Ship in Head-Sea Waves , Ninth Symposium on Naval Hydrodynamics, Office of Naval Research, Paris.
5. Faltinsen, O.M. and Michelsen, F., 1974, Motions of Large Structures in Waves at Zero Froude Number , International Symposium on the Dynamics of Marine Vehicles and Structures in Waves, University College London.
6. Faltinsen, O.M., 1974, A numerical Investigation of the Ogilvie-Tuck Formulas for Added mass and Damping Coefficients, Journal of Ship Research, Vol. 18, No. 2, June, pp. 73-84.
7. Abramson, H.N., Bass, R.L., Faltinsen, O.M. and Olsen, H.A., 1974, Liquid slosh in LNG carriers, Tenth Symposium on Naval Hydrodynamics, Boston, June.
8. Faltinsen, O.M., 1974, A nonlinear theory of sloshing in rectangular tanks, Journal of Ship Research, Vol. 18, No. 4, Dec., pp. 224 - 241.
9. Faltinsen, O.M., Fines, S., Flogeland, S. and Gravvold, J., 1975, Wave loads on gravity platforms, POAC, Alaska.
10. Faltinsen, O.M., 1976, Applicability and limitations of theoretical methods for description of slosh phenomena, Seminar on Liquid Sloshing, Det norske Veritas, Oslo, May.
11. Faltinsen, O.M., 1976, Summary of Wave Sessions, BOSS '76, Trondheim.
12. Faltinsen, O.M., Kjærland, O., Nøttveit, A. and Vinje, T., 1977, Water impact loads and Dynamic Response of Horizontal Circular Cylinders in Offshore Structures, Offshore Technology Conference.
13. Faltinsen, O.M., 1977, Hydrodynamic aspects of fixed and floating offshore structures, International Research Seminar on Safety of Structures under Dynamic Loading, Norwegian Institute of Technology.
14. Faltinsen, O.M., 1977, Numerical solutions of transient nonlinear free-surface motion outside or inside moving bodies, Second International Conference on Numerical Ship Hydrodynamics, University of California, Berkeley, September.
15. Faltinsen, O.M. and Løken, A.E., 1978, Drift forces and slowly varying horizontal forces on a ship in waves, Symposium on Applied Mathematics dedicated to the later Professor Dr. R. Timman, University of Technology, January.
16. Faltinsen, O.M. and Løken, A.E., 1978, Drift forces and slowly varying forces on ships and offshore structures in waves, Norwegian Maritime Research, Vol. 6, No. 1.
17. Faltinsen, O.M., 1978, A numerical nonlinear method of sloshing in tanks with two-dimensional flow, Journal of Ship Research, Vol. 22, No. 3, Sept., pp. 193-202.

18. Faltinsen, O.M., 1979, Sea loads and motions of marine structures, p. 1 - 222, Second WEGEMT Graduate School Advanced Aspects of Offshore Engineering, The Norwegian Institute of Technology, Trondheim, Jan.
19. Faltinsen, O.M. and Løken, A.E., 1979, Slow drift oscillations of a ship in irregular waves, Applied Ocean Research, Vol. 1, No. 1.
20. Faltinsen, O.M., 1979, Theoretical seakeeping, a state-of-the art survey, Advances in Marine Technology, Norwegian Institute of Technology, Trondheim.
21. Faltinsen, O.M., Kjærland, O., Liapis, N. and Walderhaug, H., 1979, Hydrodynamic analysis of tankers at single-point-mooring systems, BOSS '79, London.
22. Faltinsen, O.M., 1979, Nonlinear wave induced forces on marine structures, Israelish-Norwegian Symposium in Fluid Mechanics, Beersheba, Israel, October.
23. Skjørdal, S. and Faltinsen, O.M., 1980, A linear theory of springing, Journal of Ship Research, June.
24. Liapis, N. and Faltinsen, O.M., 1980, Diffraction of waves around a ship, Journal of Ship Research.
25. Faltinsen, O.M., Minsaas, K. Liapis, N. and Skjørdal, S.O., 1980, Prediction of resistance and propulsion of a ship in a seaway, Proceedings of 13th Symposium on Naval Hydrodynamics, October.
26. Faltinsen, O.M. and Pettersen, B., 1983, Separated flow around marine structures, Second International Symposium on Ocean Engineering and Ship Handling, Göteborg, Sverige, March 1.-3.
27. Faltinsen, O.M. and Pettersen, B., 1982, Vortex shedding around two-dimensional bodies at high Reynolds number, 15th Symposium on Naval Hydrodynamics, University of Michigan, Ann Arbor, August 23-27.
28. Faltinsen, O.M., Van Hooff, R.W., Fylling, I. and Teigen, P., 1982, Theoretical and experimental investigations of tension leg platform behaviour, BOSS '79, MIT, Cambridge.
29. Minsaas, K. Faltinsen, O.M. and Persson, B., 1983, On the importance of added resistance, propeller immersion and propeller ventilation for large ships in a seaway, PRADS '83 - The 2nd Int. Symp. on practical Design in Shipbuilding, Tokyo and Seoul.
30. Pettersen, B. and Faltinsen, O.M., 1983, Separated flow around circular cylinders, The Int. Workshop on Ship and Platform Motions, Oct., Berkeley, California.
32. Faltinsen, O.M., 1983, Bow flow and added resistance of slender ships at high Froude number and low wave lengths, Journal of Ship Research, Vol. 27, nr. 3, Sept..

31. Faltinsen, O.M. and Minsaas, K., 1984, Added Resistance in Waves, The North East Coast Institution of Engineers and Shipbuilders, Centenary Conference, Marine Propulsion, May.
33. Faltinsen, O.M., 1984, Hydrodynamic loads on marine structures, Initial lecture, XVIth International Congress on Theoretical and Applied Mechanics, IUTAM, The Technical University of Denmark, Lyngby, August.
34. Børresen, R. and Faltinsen, O.M., 1984, Ship motions in shallow water by unified theory, 15th Symposium on Naval hydrodynamics, Hamburg, August.
35. Aarsnes, J. V., Faltinsen, O.M. and Pettersen, B., 1985, Application of a vortex tracking method to current forces on ships, Symposium on Separated Flow around Marine Structures, June, Trondheim.
36. Faltinsen, O.M., Sortland, B., Dahle, L.A., 1986, Slowdrift damping and response of a moored ship in irregular waves, OMAE Symposium, Tokyo, April.
37. Faltinsen, O.M., 1986, Slowdrift phenomena in irregular waves, Proceedings of the First International Workshop on Water Waves and Floating Bodies, MIT, February 16.-19.
38. Faltinsen, O.M. and Sortland, B., 1987, Slowdrift eddymaking damping of a ship, Journal of Applied Ocean Research.
39. Faltinsen, O.M. and Pettersen, B., 1987, Application of a vortex tracking method to separated flow around marine structures, Journal of Fluids and Structures.
40. Zhao, R. and Faltinsen, O.M., 1987, Interaction between regular waves, current and a two-dimensional free-surface piercing body, Second International Workshop on Water Waves and Floating Bodies, University of Bristol.
41. Faltinsen, O.M., 1987, Second order nonlinear interaction between waves and low frequency body motion, Keynote lecture, IUTAM Symposium on Nonlinear Water Waves, Tokyo. Published by Springer-Verlag.
42. Braathen, A. and Faltinsen, O.M., 1988, Interaction between shed vorticity, free surface waves and forced roll motion of a two-dimensional floating body, IUTAM Symposium on Fundamental Aspects of Vortex Motion, Tokyo, 1987. Also published in Vortex motion, Japan Society of Fluid Mechanics, Fluid Dynamic Research 3, North Holland, 190 : 196.
43. Faltinsen, O.M. and Demirbilek, Z., 1987, Hydrodynamic analysis of TLP's, ASCE monograph report: Tension Leg Platform.
44. Faltinsen, O.M., 1987, Numerical techniques in seakeeping, 18th ITTC, Kobe.
45. Zhao, R. and Faltinsen, O.M., 1988, Interaction between waves and current on a two-dimensional body in the free surface, Applied Ocean Research, April.

46. Zhao, R. and Faltinsen, O.M., 1988, A comparative study of analytical models for slowdrift sway motion of a marine structure, OMAE '88, Houston.
47. Faltinsen, O.M., 1987, Strategies for education and research in naval architecture and ocean engineering in Norway, Seiken Symposium, University of Tokyo, Japan, Sept.
48. Braathen, A. and Faltinsen, O.M., 1988, Application of a vortex tracking method to roll damping, International Conference on Technology Common to Aero and Marine Engineering, London, Jan.
49. Zhao, R. and Faltinsen, O.M., 1988, Wave current interaction effects on large volume structures, Third International Workshop on Water Waves and Floating Bodies, April, Massachusetts.
50. Faltinsen, O.M., 1988, Tools for predictions of motions and seakeeping qualities of SES and catamarans, Conference on High Speed Marine Craft, Kristiansand, Norway, May.
51. Zhao, R., Faltinsen, O.M., Krokstad, J.R. and Aanesland, V., 1988, Wave current interaction effects on large volume structures, Proceedings of BOSS '88, Trondheim, Norway, June.
52. Faltinsen, O.M., 1988, Official discussion of the Report of ISSC Committee I.2 on Environmental forces, Lyngby, Denmark, Aug.
53. Zhao, R. and Faltinsen, O.M., 1988, A discussion of the m_j -terms in the wave-current-body interaction problem, 4th. Int. Workshop on Water Waves and Floating bodies, Øystese, May.
54. Faltinsen, O.M. and Zhao, R., 1989, Slowdrift motions of a moored two-dimensional body in irregular waves, Journal of Ship Research, Vol. 33, No. 2, June.
55. Zhao, R. and Faltinsen, O.M., 1989, Interaction between current and waves on marine structures, 5th Int. Conf. on Numerical Ship Hydrodynamics, Hiroshima, Japan.
56. Faltinsen, O.M., 1990, Wave loads on offshore structures, Annu. Rev. Fluid Mech. 22 : 35-56.
57. Zhao, R. and Faltinsen, O.M., 1990, Seakeeping of high-speed vessels, 5th Int. Work-shop on Water Waves and Floating Bodies, Manchester, England.
58. Ohkusu, M. and Faltinsen, O.M., 1990, Prediction of radiation forces on a catamaran at high Froude number, 18th Symposium on Naval Hydrodynamics, University of Michigan, Ann Arbor, National Academy Press, Washington D.C.

59. Faltinsen, O.M. and Svendsen, T.E., 1990, Incorporation of seakeeping theories in CAD, Proc. of International Symp. CFD and CAD in Ship Design, MARIN Wageningen, Elsevier Science Publishers.
60. Aanesland, V., Faltinsen, O.M., Zhao, R. 1990, Wave-drift damping of a TLP, International Conf. Environmental Forces on Offshore Structures and Their Predictions, London.
61. Faltinsen, O.M. and Zhao, R., 1991, Numerical predictions of ship motions at high forward speed, Philosophical Transactions of the Royal Society, series A.
62. Faltinsen, O.M. and Zhao, R., 1991, Flow predictions around high-speed ships in waves, M.P. Tulin's festschrift Mathematical Approaches in Hydrodynamics, SIAM.
63. Zhao, R. and Faltinsen, O.M., 1991, Water entry of a two-dimensional body, Sixth International Workshop on Water Waves and Floating Bodies, Woods Hole, Massachusetts.
64. Faltinsen, O.M., Helmers, J.B., Minsaas, K.J. and Zhao, R., 1991, Speed loss and operability of catamarans and SES in a seaway, FAST '91, Trondheim.
65. Faltinsen, O.M., Holden, K.O, Minsaas, K.J., 1991, Speed loss of high-speed catamarans and SES in waves, IMAS '91, High-Speed Marine Transportation, Sydney, Australia,
66. Faltinsen, O. M., 1991, Hydrodynamic problems for high-speed vessels, 9th International Symposium on Ship on Hydrodynamics, HYDRODYN, Gdansk, Polen.
67. Scolan, Y.M., Faltinsen, O.M., 1991, Numerical prediction of vortex shedding around bodies with sharp corners at arbitrary KC-numbers, the Second Osaka International Colloquium on Viscous Fluid Dynamic in Ship on Ocean Technology, Osaka, Japan.
68. Ohkusu, M., Faltinsen, O.M., Yasunga, M., Inada, M., 1991, Prediction of hydrodynamic forces on high-speed catamarans in a seaway, J. Society Naval Architects Japan, Vol., 170, pp. 153-161 (see also Naval Architecture and Ocean Engineering, The Society of Naval Arcitects of Japan, Vol. 30, pp. 49-62.
69. Faltinsen, O.M., Hoff, J.R., Kvålsvold, J., Zhao, R. 1992, Global loads on high-speed catamaran, PRADS '92, Newcastle, England.
70. Faltinsen, O.M., Svensen, T., 1992, Behaviour of catamarans, foilcatamarans and SES in waves, Marin Jubilee Meeting, Wageningen, Published by Elsevier Science Publishers.
71. Faltinsen, O., Zhao, R., 1992, Slamming on the wet deck of multihulls, 7th Int. Workshop on Water Waves and Floating Bodies, Val de Reuil, France.

72. Sørensen, A.J., Steen, S., Faltinsen, O.M., 1992, Cobblestone Effect on SES, Intersociety high Performance Marine Vehicles Conference and Exhibit, Washington, DC, USA, pp. SES17-SES30.
73. Zhao, R., Faltinsen, O.M., 1992, Slamming loads on high-speed vessels, Proc. 19th Symposium on Naval Hydrodynamics, Korea, National Academy Press, Washington D.C.
74. Faltinsen, O.M., 1992, Wave and current induced motions of floating production system, Keynote Lecture, NSF Workshop on riser mechanics, University of Michigan, Ann Arbor.
75. Zhao, R., Faltinsen, O.M., 1993, Water entry of two-dimensional bodies, J. Fluid Mech., 246, pp.593-612.
76. Sørensen, A.J., Steen, S., Faltinsen, O.M., 1993, SES Dynamics in the vertical plane, Ship Technology Research, May.
77. Faltinsen, O.M., 1993, Sea loads on floating offshore systems, 3rd Annual Honors Lecture, Offshore Technology Research Center, Proceedings OTC, Houston, Texas.
78. Kvålsvold, J., Faltinsen, O.M., 1993, Hydroelastic modelling of slamming against wetdecks, 8th Int. Workshop on Water Waves and Floating Bodies, St. John's, Newfoundland, May.
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