

CURRICULUM VITAE

NAME : Steen, Sverre

DATE OF BIRTH : 1965.08.26

NATIONALITY : Norwegian

LANGUAGES : Norwegian, English

POSITION : Professor at NTNU, Faculty of Science and Technology, Department of Marine Technology

EDUCATION:

- M.Sc. Marine Hydrodynamics, The Norwegian Institute of Technology (NTH).
- Dr.ing. Marine Hydrodynamics The Norwegian Institute of Technology (NTH). Thesis: "Cobblestone Effect on SES".

EXPERIENCE :

1989-90 Military service in the Navy. Worked with weight control and stability calculations on the Mine counter Measure Vessels project.

1990-95 Research Engineer at MARINTEK, Division of Marine Vehicles.

1995- Senior Research Engineer at MARINTEK, Division of Marine Vehicles.

1996-1999 Member of ITTC specialist committee "Model testing of HSMV"

1997-2001 Program manager of strategic research programme SKIPRO 2001

1998- Research manager for resistance and propulsion at MARINTEK

1999-2002 Member of ITTC specialist committee "Procedures for resistance, propulsion, open water tests, and resistance tests for HPMV"

2001-2004 Member of the board of MARINTEK

2002-2004 Member of ITTC specialist committee "Powering Performance Prediction"

2003- 2004 Group manager for "Ship Performance" group at Marintek

2004- Professor in experimental marine hydrodynamics at NTNU

MAIN FIELDS OF COMPETENCE:

- Resistance and propulsion of ships
- Experimental methods
- Hydrodynamics, environmental loads and motions of high speed craft.
- Seakeeping of SES craft.

PUBLICATIONS

1. Sørensen, A.J., Steen, S. and Faltinsen, O.M.: "Cobblestone Effect on SES". Intersociety High Performance Marine Vehicle Conference and Exhibit - HPMV'92, American Society of Naval Engineers, Washington D.C., 1992.
2. Sørensen, A.J., Steen, S. and Faltinsen, O.M.: "SES Dynamics in the Vertical Plane". Ship Technology Research Vol. 40 No. 2, 1993.
3. Steen, S, Ulstein, T. "Seakeeping and Comfort of Large SES", FAST'93, Yokohama, Japan, 13-16 December 1993
4. Steen, T, Steen, S "Filling of a Model Left Ventricle Studied by Colour M mode Doppler", Cardiovascular Research 1994;28:1821-1827
5. Steen, S. and Faltinsen, O.M.: "Cobblestone effect on SES with flexible bag aft seal". Journal of Ship Research, Vol. 39, No. 1, March 1995.
6. Steen, S. and Minsaas, K.J.: "Experience from Design and Testing of Waterjet Inlets for High Speed Crafts" FAST '95, Travemünde, Germany 1995.
7. Steen, S. and Faltinsen, O. M. "Added Resistance of a Ship Moving in Small Sea States", PRADS'98, The Hague, Netherlands, September 1998 (ISBN 0 444 82918 0)
8. Steen, S. Rambech, H.J., Zhao, R., Minsaas, K.J. "Resistance Prediction of Fast Displacement Catamarans", FAST'99, Seattle, USA, 1999
9. Riksheim, R. Steen, S. "Ship Design for Electric Propulsion", contribution to Report from Technical Committee B: Electric Propulsion, ICMES 2000, Presented at SNAME New York Metropolitan Section symposium, May 22-23 2000.
10. Steen, S. Strand, G. "SES Performance Evaluation in Model and Full Scale", FAST'01, Southampton, England, 2001
11. Steen, S. Kauczynski, W. "Integrated Systems for Ship Handling and Monitoring of Hull Loads", Int. Stability Workshop, Glen Cove, NY, 13-16 October 2002
12. Steen, S, "Experiences in design of SES ships", NATO AVT-110 Conference, Prague, October 2004