

# CV

Kjell Stordahl

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**PROFESSIONAL OBJECTIVE** Senior adviser/Manager Market Analysis department, Telenor Networks

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## EDUCATIONAL BACKGROUND

Master of Science, degree in Statistics (Cand real), Oslo University, 1972

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## PROFESSIONAL PROFILE

- ❑ 32 years experience in the telecommunication industry.
- ❑ Proven Project Management skills. Manager of 8 research projects and participation in additional 9 research projects in the period 1972-1987.
- ❑ Manager of different units (Size: 8 - 120) in Telenor in the period 1981-2003.
- ❑ Responsible for several research co-operation projects between Telenor and other Research Institutes and universities in Norway.
- ❑ Publication of 24 research reports on market analysis of established and new telecommunication services, forecasting models and forecasts for established and new services, network planning and traffic dimensioning methods in the period 1972-1987.
- ❑ Publication of 153 papers in journals and international conferences on techno-economics, market analysis and forecasting models for broadband services.
- ❑ Experience from work in European and International telecommunication organizations (CEPT, CCITT, GAS, ITU, RACE, ACTS, IST, ESPRIT, CELTIC).
- ❑ Member of the board in Telenor Consult, an international consultant company owned by Telenor and Member of Technical Advisory Board, VirtualPhotonics (VPI systems) a multinational company developing techno-economic telecommunication tools.

- Appointed referee at Oslo University and on specific forecasting conferences
- Teaching Forecasting Methodology at Oslo University

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## WORK EXPERIENCE

- 1997 – 2004: Senior adviser/Manager, Market analysis, Telenor Networks, Responsibility: Market analysis, market watch, statistics and forecasts for established and new telecommunication services.
- 1989 – 1996: Chief manager, Planning Department, Telenor Networks, Responsibility: Forecasting, strategy and long term plans, network plans, technical systems, development, construction and investments in Oslo Region.
- 1988: Manager, Forecasting and planning, TBK, Telenor
- 1981 – 1987: Manager Teletraffic Section, Research Department, Telenor: Responsibility: Traffic planning, dimensioning, network planning, network management, market surveys, methods for traffic and subscriber forecasting.
- 1978 – 1980: Senior scientist: Research Department, Telenor: Same working area as above.
- 1972 – 1977: Scientist, senior scientist, Research Department, Telenor: Market research, operations research, market surveys, forecasting methodology.

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## CAREER – RELATED ACTIVITIES

- 2004 – 2006: Participating in the project Ecosys in the CELTIC programme. Responsibility: WP1 Market Dynamics.
- 2001 – 2002: Participating in the European Commission Programme IST1, Project IST – 25172 TONIC 2 (Techno-economics of IP optimised network and services). Responsibility: Demand analysis and forecasting telecommunication services. Risk evaluation of market uncertainty and tariff prediction modelling.
- 2000 – 2002: Member of Technical Advisory Board, VirtualPhotonics (VPI systems).

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<sup>1</sup> IST: Information Society Technologies

<sup>2</sup> Homepage: <http://www-nrc.nokia.com/tonic/>

- 1999 – 2001: Appointed referee by European Commission for the ESPRIT<sup>3</sup> Programme, Project Imagine 21. The project developed a forecasting tool for new telecommunication services
- 1998 – 2000: Participation in the European Commission Programme ACTS<sup>4</sup>, Project AC 226 TERA 5(Techno-Economics Results from ACTS). Responsibility: Market watch on advanced telecommunication services and demand modelling.
- 1997: Development of a strategy plan for telecommunication network development in Indonesia. Contract with Research Department, Indonesia Telekom.
- 1996 – 1998: Participation in the European Commission Programme ACTS, Project AC 2087 OPTIMUM (Optimised Network Architectures for Multimedia services). Responsibility: Risk analysis of introduction strategies for multimedia services and networks. Impact of market evolution.
- 1994 – 1997: Member of the Board of Telenor Consult AS – an international consultant company owned by Telenor.
- 1992 – 1995: Participation in the European Commission Programme RACE<sup>6</sup>, Project RACE 364 TITAN (Tool for Introduction strategies and Techno-economic evaluations of Access Networks). Responsibility: Demand analysis, forecasting and risk modelling.
- 1989 – 1995: Teaching at Oslo University, Forecasting Methodology. Appointed referee at Oslo University.
- 1985 – 1987: CCITT GAS 10, International Telecommunication Union: Development of a forecasting handbook for telecom administrations in developing countries. Responsibility: Quantitative forecasting methods.
- 1986: International Telecommunication Union, Geneva: Responsible for developing forecasting models for network planning in developing countries. Contract with ITU, Engineering Group.
- 1985 – 1988: CCITT SG II, International Telecommunication Union: Special rapporteur for developing recommendations for forecasting international traffic.
- 1981 – 1984: CCITT SG II, International Telecommunication Union: Associated special rapporteur: Same responsibilities as above.
- 1973 – 1975: CEPT project “Needs Research Programme”. (European Telecommunications Programme). Objective: Making forecasts

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<sup>3</sup> ESPRIT: EU's Information Technology Programme

<sup>4</sup> ACTS: Advanced Communications and Technology

<sup>5</sup> Homepage: <http://www.telenor.no/fou/prosjekter/tera>

<sup>6</sup> RACE: Research for Advanced Communications in Europe

for new telecommunications services. Responsible: Evaluation of the Norwegian telecommunications potential.

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## PROFESSIONAL AFFILIATIONS

### Present

Member of Norwegian Statistical Association

Member of Norwegian Society of chartered engineers

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## PUBLICATIONS

### BOOKS

- 2004                      Telektronikk 100 (4) Telecommunication Forecasting  
k. Stordahl(editor)  
K. Stordahl: Author/co-author of 5 papers
- 1999                      Telektronikk 95 (2/3) "Broadband Access Networks". ISSN  
0085-7130, L A Ims (Editor),  
K. Stordahl: Author/co-author of 4 papers
- 1998                      "Broadband Access networks: Introduction Strategies and  
Techno-economic Evaluation". ISBN 0 412 82820 0, Chapman  
& Hall, 1998.Ims L A (Editor), K Stordahl: Author/co-author of 8  
chapters.
- 1996                      Telecommunication Forecasting Methods. Handbook of  
Telecommunication Forecasting – Telenor.  
Authors: K Stordahl, J Bøe, C Hjelkrem
- 1994                      Telektronikk 90 (1) "Forecasting" ISSN 0085-7130, K Stordahl  
(Editor)  
K Stordahl: Author/co-author of 4 papers
- 1989                      UNIKI 303, Forecasting Methods, Oslo University  
K Stordahl: Author
- 1987                      GAS 10 Handbook. Planning Data and Forecasting Methods.  
Volume 1. ISBN 92 61 03081-5.  
K Stordahl: Co-author. Responsible for Quantitative Forecasting  
Methods.
- 1987                      GAS 10 Handbook. Planning Data and Forecasting Methods.  
Case Studies. Volume 2. ISBN 92 61 03081-5.  
K Stordahl: Co-author.
- 1983                      "Time series analyses - Theory and practice". ISBN 0444  
876847, North Holland, O D Anderson (Editor)

K Stordahl: Author one paper.

- 1983: "Bet better – the road to first price" (Norwegian: Tipp bedre – veien til tolv rette") ISBN 82 09 10049 1, Dreyers forlag, Authors: K Stordahl, M Rygg
- 1980: "Forecasting Public Utilities". ISBN 0444 860460, North Holland, O D Anderson (Editor)  
K Stordahl: Author one paper.
- 1979: "Bet better – Win more" (Norwegian: Tipp bedre – vinn mere). ISBN 82 09 01782 9, Dreyers forlag, Authors: M Rygg, K Stordahl

## PAPERS

1975 –2004: - Publication of 153 papers in journals and international conferences.

- Main author of 91 papers.
- 39 papers are presented in Teletronikk, IEEE Communications Magazine, IEEE Journal of Selected Areas in Communications and similar journals
- 42 papers have been presented at major conferences in Asia, Australia, North and South America
- 72 papers have been presented at major conferences in Europe (11 in Norway)

The main conferences are: Globecom, Networks, International Communications Conference (ICC), International Symposium on Services in the Local access (ISSLS), International Telecommunication Society (ITS), International Communication Forecasting Conference (ICFC), International Symposium on Forecasting (ISF), International Teletraffic Conference (ITC), Institute of International Research (IIR), Vision in Business.

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## PERSONAL DETAILS

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Date of birth	28.08.1945
Marital status	Married
Nationality	Norwegian