

The board of the Nordic Radio Society

Åke Blomquist, Chairman of NRS

With the Swedish National Defence Research Establishment until retirement and for many years in charge of research in radio wave propagation and remote sensing and adjoining radio fields. Many international commissions in CCIR (ITU-R), URSI, CISPR etc. He is an honorary member of SNRV.

Carl-Henrik Walde, Secretary of NRS

He spent all his professional life on telecom posts in the Swedish Defence, i. a. as manager of the Radio Division. He is a member and Secretary of SNRV. As SMSBF, he served for twelve years as first Vice President of SSA, the Swedish League of Radio Amateurs. He is chairman of REFUG, the Swedish Radio Engineering and Frequency User Group.

Jan-Olof Gustavsson, Blekinge Institute of Technology, Web-master of NRS

Jan-Olof Gustavsson received a M. Sc. degree in Engineering Physics from the University of Lund 1981 and a Ph. D. degree in Signal Processing from Luleå Institute of Technology 1997. Since 1999 Dr Gustavsson is head of the department of telecommunication and signal processing at Blekinge Institute of Technology. Before that Gustavsson has held different positions at several industries and universities at different levels. He has been working in various positions as consultant, project leader, teacher and researcher. He has published several scientific papers and he has been chair of several scientific conferences.

Dr Gustavsson is on the board of SNRV and the TelecomCity in Karlskrona.

Johan M Karlsson, Lund University

Johan M Karlsson received his Ph.D. in communication from Lund University, Sweden. He has a long experience in the fields of performance of communication systems and communication protocol development.

He has many papers published in these areas in international journals and conferences. He has been program chair and member of the scientific program committee for several international conferences, invited speaker as well as referee for a number of international journals.

Professor Karlsson is a member of the Management Committee in European research projects. He is also program director for PCC (Personal Computing & Communication), which is a large research program for future wireless communication systems. He is professor, both at Lund University and at Linköping University, both in Sweden.

Magnus Madfors, Ericsson

Magnus Madfors received his M.Sc. degree in Electrical Engineering from the Royal Institute of Technology in Stockholm, Sweden, in 1988. He then joined Ericsson in Stockholm. Within Ericsson he worked with signal processing implementations and with radio networks and protocols research. In 1994 he was appointed head of technical area Access Networks within Ericsson Research. As from 1998 Mr. Madfors has been involved in the creation of the global forum Wireless World Research Forum (WWRF) and addressing future international research co-operation programs.

Since 2001, Mr. Madfors is now within corporate technology of Ericsson, having the overall global responsibility for Ericsson external research.

Östen Mäkitalo, TeliaSonera AB.

Dr (h c) Mäkitalo has been responsible for the development of mobile communication systems from the early beginning. He has won a number of prestigious awards, international as well national, for his contribution to the development of several mobile systems, like NMT and GSM. He is chairman of National Swedish Research Program "Personal Computing and Communication" and chairman and board member in different University Centers and Research Institutes. He is a member of the Royal Swedish Academy of Engineering Sciences (IVA) and of SNRV.

Dr Mäkitalo has held a number of different positions within Telia: e.g. Director of R&D at Televerket Radio, President of Telia Research, CTO Telia Group, board member in several telecom companies. He has also been chairman in several International Working Groups. Currently he is Senior Vice President for Mobile Business in TeliaSonera..

Mats Nilson, The Royal Institute of Technology

Mats Nilsson has been engaged in development of mobile telecommunication systems since the early 80s. He was active in the development of the GSM system working in different positions at Telia. Recently he has been responsible for system development concerning systems using intelligent base station antennas in the industry. Currently he is with the Royal Institute of Technology. He is a board member of SNRV.

Laila Ohlgren, TeliaSonera AB

Mrs Ohlgren has been engaged as project leader in R&D of broadcasting and mobile communication systems. She has been acting as secretary in national and international working groups regarding radio & TV systems.

She has been working as Senior Technology Officer with technology strategy and advanced technology projects and coordination of joint R&D with universities, research institutes and other research labs.

Mrs Ohlgren has held different positions in Telia such as Administrative Manager at Televerket Radio and Vice President Human Resources & Administration at Telia Research.

Arne Svensson, Chalmers

Arne Svensson received the M.Sc. degree in Electrical Engineering from the University of Lund, Sweden in 1979 and the Dr. Tech. (Teknisk Doktor) degree at the Department of Telecommunication Theory, University of Lund in 1984. Currently he is with the Department of Signal and Systems at the School of Electrical Engineering at Chalmers University of Technology, Gothenburg, Sweden, where he was appointed Professor and Chair in Communication Systems in April 1993. Prof. Svensson is co-author of Coded Modulation Systems, which was published in 2003 by Kluwer Academic/Plenum Publishers. He has published more than 30 journal papers/letters and more than 120 conference papers and got several awards for those. He is a fellow of IEEE and a member of SNRV.



The NORDIC RADIO SOCIETY

The Nordic Radio Society

The Nordic Radio Society is a foundation co-operating with SNRV, the Swedish National Committee of URSI (Union Radio-Scientifique Internationale, the International Union of Radio Science). The principal of SNRV is the Royal Swedish Academy of Sciences, which is known for choosing the Nobel prize laureates in physics and chemistry.

The aim of the Nordic Radio Society is to promote scientific research and education within the radio field, thereby

- ↪ having an ambition to keep the radio technical competence in the Nordic countries at top level,
- ↪ being a forum stimulating contacts and exchange of information between Nordic experts, scientists and technicians,
- ↪ working for the exchange of knowledge between different technical disciplines and between research institutions, universities and the radio industry,
- ↪ supporting basic and applied scientific research and university education in the Nordic and Baltic countries,
- ↪ giving assistance for education, for instance as scholarships, to post-graduate students.

The board of the foundation shall have a radio technical competence at the highest national level and ensure that such a competence will exist also in the future.

The very start of the activities of NRS was a Nordic Radio Symposium at Saltsjöbaden, Sweden, in 1986, which has been followed by another five symposia every third year. Besides those symposia, NRS has arranged a significant number of seminars and the Nordic HF Conferences held on the island of Fårö in the Baltic Sea every third year. Today NRS is a well-known symbol of activities in the radio field both within and outside the Nordic countries.

For more information, see
www.radiovetenskap.kva.se/nrs.html

Events organized by the Nordic Radio Society

Nordic Radio Symposium

Nordic Radio Symposium 2001, 3–5 April 2001, Nynäshamn, Sweden. Title: Towards 4G and Future Mobile Internet.

Nordic Radio Symposium 1998, 19–22 October 1998, Saltsjöbaden, Sweden. Title: Broadband radio access.

Nordic Radio Symposium 1995, 24–27 April 1995, Saltsjöbaden, Sweden. Title: Radio systems for the future.

Nordic Radio Symposium 1992, 1–4 June 1992, Aalborg, Denmark. Title: Wave propagation, personal, mobile and satellite communications.

Nordic Radio Symposium 1989, 13–16 March 1989, Saltsjöbaden, Sweden. Title: Wave propagation, antennas and systems.

Nordic Radio Symposium 1986, 15–17 April 1986, Saltsjöbaden, Sweden. Title: Aspects of wave propagation on mobile radio and broad-band communications.

Nordic HF Conferences

Nordic HF Conference 2001, 14–16 August 2001, Fårö, Sweden. For more information, see <http://www.wrap.nu/nordichf/>.

Nordic HF Conference 1998, 11–13 August 1998, Fårö, Sweden.

Nordic HF Conference 1995, 15–17 August 1995, Fårö, Sweden.

Nordic Shortwave Conference 1992, 11–13 August 1992, Fårö, Sweden.

NRS seminars (In Swedish)

NRS Seminarium, 10-11 oktober 2002, Chalmers, Göteborg, Sverige. Mobila tjänster - "Att alltid nås och kunna nå".

NRS-seminarium, 9-10 november 1999, Lunds Tekniska Högskola, Sverige. Titel: Antennen och dess omvärld - Kopplingen mellan antenn och radiosystem.

NRS-seminarium, 13-14 maj 1998, Umeå Universitet, Umeå, Sverige. Titel: Radiokommunikation - finns det hälsorisker?

NRS-seminarium, 21-22 maj 1997, Högskolan Karlskrona/Ronneby, Karlskrona, Sverige. Titel: Radionät - befintliga och framtida.

NRS-seminarium, 27-28 augusti 1996, Lunds Universitet, Lund, Sverige. Titel: Vågutbredning i cellsystem för 1-2 GHz - Koppling mellan antenn och radiosystem.

NRS-seminarium, 25-26 oktober 1994, Linköpings Universitet, Linköping, Sverige. Titel: Radiokommunikationsnät.

NRS-seminarium, 10-11 november 1993, Uppsala Universitet, Uppsala, Sverige. Titel: Störtålig radio och radar.

NRS-seminarium, 2-3 april 1992, Tekniska Högskolan i Luleå, Luleå, Sverige. Titel: Signalbehandling i radioutrustning - Digital och analog implementering samt utveckling av algoritmer.

NRS-seminarium, 18-20 november 1992, Chalmers Tekniska Högskola, Göteborg, Sverige. Titel: Morgondagens mikrovågssystem - Visioner och realisering.

NRS-seminarium, 3-4 juni 1991, Kungliga Tekniska Högskolan, Stockholm, Sverige. Titel: Yttäckande radiokommunikationssystem - Metoder att säkerställa kapacitet och tillgänglighet.

NRS-seminarium, 6-7 juni 1990, Lunds Tekniska Högskola, Lund, Sverige. Titel: Flervägsutbredning och kanalmodeller.