Short CV   Stein Gjessing   November 2007

Stein Gjessing is a professor of Computer Science in Department of Informatics, University of Oslo. He received a Master degree in Computer Science from the University of Oslo in 1976, and became Dr. Philos. in 1985. He was associate professor from 1978 to 1992, and from 1992 he has been a full professor of Informatics. From 2001 to 2005 his main affiliation was Simula Research Laboratory, where he still is employed in a 20% research position.

Gjessings original work was in the field of programming languages and programming language semantics, in particular related to object oriented concurrent programming
In 1989 Gjessing became involved in computer interconnects and computer architecture for cache coherent shared memory systems through the development of the Scalable Coherent Interface (SCI). He was the chair of the IEEE working group P1596.2 "Kiloprocessor extensions to SCI" from 1995 to 2001.   He has also worked with DRAM organization, in particular the IEEE RamLink standard. From 2001 until 2005 Gjessing was involved in research and standardization of a ring based LAN (a ring "Ethernet") called Resilient Packet Ring (RPR). RPR was standardized by IEEE as P802.17. From 1. October 2003 until 15. April 2004 he was on sabbatical at San Jose State University, California, USA, also working with Cisco Systems in San Jose. From April to December 2006 Gjessing collaborated with the Chinese company Huawei within the IEEE 802.1 Lan/Man working group, on development of a version of Ethernet called Ethernet Virtual Shared Memory.
Gjessings main research interests are currently network resilience both in Internet-like networks and in sensor networks.

Gjessing acted as head of the Department of Informatics for 4 years from 1987. In 1988 he was the general chair of the European Conference of Object Oriented Programming (ECOOP). From February 1996 to October 2001 he was the chairman of the national research program "Distributed IT-System", founded by the Research Council of Norway.
Gjessing got his department involved in two European funded ESPRIT/OMI projects: Macrame and Arches, and he were instrumental in starting a third OMI project, Ascissa, together with Olivetti. He was the Norwegian representative in "Council of Scientists" in the European International Association for the promotion of cooperation with scientists from the New Independent States of the former Soviet Union" (INTAS) for three years from June 1996. He was the project leader of the project "Enhanced Next-generation Networked Computer Environment" (ENNCE, 1998 - 2002) within the Norwegian Research Council program "Basic Telecommunication Research". Gjessing was a program co-chair of the "15th IEEE Workshop on Local and Metropolitan Area Networks" (IEEE-LANMAN 2007), hosted by AT&T in New Jersey, USA, in June 2007, and he is the general (co-)chair of IEEE-LANMAN 2008. From January 2006 Gjessing has been the leader of both the Bachelor of Informatics and the Master of Informatics study programs, and he is the leader of the department program called "eOperations" that researches ICT within the oil, gas and energy sector.

Gjessing has published a large number of scientific and technical papers, has taught computer science at all university levels, and has been advising numerous master and doctor students. In particular he as taught one of the large introductory courses to programming, INF 1010, for the last three years. Gjessing has been a reviewer for many journals and conferences, has served on numerous Ph.D. committees and has been a member of a large number of program and evaluation committees.