GRANTS AWARDED
WITH BO KÅGSTRÖM AS PRINCIPAL INVESTIGATOR
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Research Grants

The listing is in reversed chronological order starting at 1990. Earlier grants are not listed here.

- 2002-07-01 – 2006-06-30: The Swedish Foundation for Strategic Research (SSF). Project: *Matrix Pencil Computations in Computer-Aided Control System Design: Theory, Algorithms and Software Tools.* 7 500 000 SEK.

- 2003-01-01 – 2005-12-31: The Swedish Research Council (VR). Project: *Generic Grid Computing Research for Resource Management, Portals and Algorithms.* (PI: Erik Elmroth, Co-applicant/-PI) 2 049 000 SEK.

- 2002-01-01 – 2004-12-31: The Swedish Research Council (VR). Project: *Hierarchically Blocked Algorithms and Optimized Low-Level Kernels for Dense Matrix Computations on Memory-Tiered High Performance Computing Systems.* 1 050 000 SEK.

- 2001-01-01 – 2002-12-31: The Swedish Research Council (VR). Project: *Theory, Algorithms, and Tools for Computing Nearby Jordan and Kronecker Structures with Applications in Control Theory.* 800 000 SEK.

- 1998-01-01 – 2002-12-31: EU Thematic Network BRRT-CT97-5040. Project: *NICONET – Numerics in Control Network.* 31 000 EURO.

- 1999-01-01 – 2000-12-31: The Swedish Foundation for Strategic Research (SSF). Project: *Algorithms and High-Performance Library Software for Scientific Computing.* 1 112 000 SEK.

- 1995-07-01 – 1999-12-31: The Swedish Research Council for Engineering Sciences (TFR). Project: *Canonical Forms and Eigenspace Computations for Matrix Pencils with Applications.* 1 525 000 SEK.

- 1990-07-01 – 1996-06-30: The Swedish National Board for Industrial and Technical Development (NUTEK). Project: *Algorithms and Tools for Scalable High Performance Computer Systems.* 4 550 000 SEK.

NGSSC Grants

- 1998-01-01 – 2004-12-31: NGSSC–Parallel Algorithms with Applications to Scientific Computing. 630 000 SEK.

- 1998-01-01 – 2004-12-31: NGSSC–Scientific Visualization. 867 000 SEK.

Bo Kågström took an active part in the development of the National Graduate School in Scientific Computing (NGSSC) in mid 90's. The NGSSC vision is to increase the competitiveness of research and development in academia and industry in Sweden by increased and improved use of advanced computational techniques.

Since 1998, Umeå has been responsible for two graduate courses in the curriculum (Parallel Algorithms with Applications to Scientific Computing, 3 credits and Scientific Visualization, 3 credits). Since 2003, Umeå has also been co-responsible for a course in Grid Computing, 2 credits.

Grants to High Performance Computing Center North (HPC2N)

The listing is in reversed chronological order starting at 1996, when HPC2N was founded. Earlier grants for Supercomputer Center North (SDCN), the predecessor of HPC2N, are not listed here.

- 2004–2005: EU 6th Framework Programme: Research Infrastructures Communication Network Development. *Enabling Grids for E-science in Europe (EGEE): Regional Operation Center.* 200 000 EURO.

- 2003 – 2005: The Swedish Research Council. *SNIC Anslutningsavtal.* 9 000 000 SEK.

- 2003 – 2005: The Swedish Research Council. *SNIC Tjänsteavtal - SweGrid.* 1 800 000 SEK.

- 2003: The Swedish Research Council. *SNIC Resursavtal I and II – IA32 system and IBM SP system.* 2 000 000 SEK.
- 2002: The Knut and Alice Wallenberg Foundation. *Cost-effective high-performance computing system.* 10 000 000 SEK.
- 2001 – 2002: The Swedish Research Council (VR). 8 125 000 SEK.
- 2001: Kempestiftelserna. *Large-scale Linux cluster.* 5 000 000 SEK.
- 1999 – 2000: The Swedish Council for Planning and Coordination of Research (FRN). 6 250 000 SEK.
- 1996 – 1998: The Swedish Council for High Performance Computing (HPDR). 7 875 000 SEK.
- 1997: The Knut and Alice Wallenberg Foundation. *Scalable high-performance computing system.* 15 000 000 SEK.