

## Travel and hotel information

The meeting will take place at MH-bygget, while the Workshop will take place at Realfagsbygget, at the University of Tromsø.

**From the Airport:** Tromsø Airport is about 15 min from the town centre by taxi or bus. The Airport Shuttle Bus costs about 45 Nkr. Ask the driver to stop at your hotel. Taxis are also available, and cost about 100 Nkr into town. From the Airport to the University, its easiest to take a taxi (about 100 Nkr, 10 minutes).

**From the hotel:** From town to the University, you can either take busnumber 20 (21 Nkr) or a taxi (100 Nkr). If you are staying at Scandic Hotel or Havna Hotell, you can walk or take a taxi. From Scandic Hotel you can also take busnumber 34 or 22.

**To order a taxi, call: +47 776 03000**



The Summer Island

# NOTUR

The NOTUR Consortium is a national collaboration which aims at creating and maintaining efficient high performance computing solutions for Norwegian scientists. The first period, 2000–2003, included these four main activities:

- **Metacentre activity:** Maintaining efficient hardware and software solutions.
- **Emerging technology project:** A watchtower towards new solutions and methods.
- **Outreach and dissemination project:** Reaching out to new research areas, new users and the community in general.
- **Technology transfer projects:** Moving HPC competence in one field of research to another.

NOTUR was then extended to 2004, with main focus on Grid, Data and Cluster.

Members of the NOTUR Consortium are the four Norwegian Universities, The Meteorological Institute, SINTEF, Statoil and Ceetron. The Consortium is partially funded by the Norwegian Research Council through its national HPC program.

NORWEGIAN HIGH PERFORMANCE  
COMPUTING CONSORTIUM

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NORWEGIAN HIGH  
PERFORMANCE COMPUTING  
CONSORTIUM

# NOTUR 2004

G A T H E R I N G

**Tromsø  
9-11 June 2004**



<http://www.notur.org/notur2004/>

S p o n s o r e d   b y :



## Welcome to Tromsø and NOTUR 2004

This is the fourth annual gathering on national High Performance Computing in Norway. Just like the previous events, this gathering will seek to combine news on high performance computing internationally with information on upcoming activities on a national level.



The HPC machines at  
UiTø

During these three days you will receive interesting and valuable information, and get the opportunity to make new contacts within the Norwegian HPC community as well as renewing old friendships.

We wish you all a happy stay in Tromsø and welcome you to NOTUR 2004, the high performance computing event of the year!

### Program Wednesday June 9<sup>th</sup> 2004

1030	Registration and coffee
1100	<i>Cluster Workshop: Building, administrating and maintaining large clusters.</i> Greg Bruno (SDSC/NPACI)
1400	Lunch
1500	<i>Hands-on training on cluster management toolkit.</i> Greg Bruno (SDSC/ NPACI)
1630	<i>End of workshop, round up.</i> Greg Bruno (SDSC/ NPACI)
2000	Bowling and pizza at Tromsø Bowlingcenter

### Program Thursday June 10<sup>th</sup> 2004

1000	Registration and coffee
1030	<i>Welcome.</i> Jarle Aarbakke (Rector Univ. of Tromsø)
1045	<i>The NOTUR experience.</i> Bjørn Hafskjold (NOTUR Project Manager)
1115	<i>Advances in HPC and the constant need for increased compute power.</i> Paul Woodward (Director LCSE, Univ. of Minnesota)
1200	<i>The NOTUR Technology Transfer Projects.</i> Trond Kvamsdal (NOTUR TTP Manager)
1230	Lunch
1330	<i>Future Challenge 1: Functional genomics in a nutshell.</i> Torbjørn Rognes (Rikshospitalet University Hospital)
1400	<i>Future Challenge 2: Computational chemistry.</i> Kenneth Ruud (Prof. Univ. of Tromsø)
1430	<i>Future Challenge 3: Climate and environmental research.</i> Helge Drange (Prof. Univ. of Bergen)
1500	Coffee Break and Photo Session
1530	<i>Large scale data management.</i> Kerstin Kleese van Dam (Group Leader CCLRC e-science Centre)
1615	<i>HPC in Norway beyond NOTUR.</i> Gudmund Høst (Senior Advisor, The Research Council of Norway)
1700	<i>End of day two, round up.</i> Bjørn Hafskjold (NOTUR Project Manager)
1900	Bus departure from the hotels (Scandic, Havna, Rica and Amalie Hotel) to Fjellstua Restaurant
1930	Cable car trip and dinner party at Fjellstua Restaurant
2330	Bus departure from Fjellstua Restaurant to the hotels
0030	Bus departure from Fjellstua Restaurant to the hotels

### Program Friday June 11<sup>th</sup> 2004

0830	Registration and coffee
0900	<i>Experiences with installing and managing large compute clusters.</i> Greg Bruno (SDSC)
0945	Poster Session and coffee
1130	<i>HPC for computational neuroanatomy and neuroinformatics.</i> Jan G. Bjaalie (Prof. Univ. of Oslo)
1200	<i>Parallel local wind model.</i> Karl Eidsvik (Prof. NTNU)
1230	Lunch
1330	<i>Preparing for the future: NOTUR Technology projects.</i> Jacko Koster (Principal Scientist, Parallab, Univ. of Bergen)
1400	<i>E-science in Norway - adjustment or silver bullet?</i> Morten Dæhlen (Director, SIMULA Research)
1430	Coffee break
1500	<i>GRID computing from a Nordic perspective.</i> Anders Ynnerman (Director, SNIC)
1540	<i>NOTUR Lottery and Poster award.</i> Bjørn Hafskjold (NOTUR Project Manager)
1600	<i>End of NOTUR 2004, round up.</i> Bjørn Hafskjold (NOTUR Project Manager)

#### The Program Committee:

- Svenn A. Hanssen, Univ. of Tromsø, Chairman
- Tor Johansen, Univ. of Tromsø
- Bjørn Hafskjold, NTNU
- Jørn Amundsen, NTNU
- Jacko Koster, Univ. of Bergen
- Leif R. Røkkum, Univ. of Oslo