

NTNU Bioinformatics networkmeeting 2011 –

"Surfing the genome tsunami?"

- 09.00-09.15 **Registration**
- 09.15-09.30 **Welcome**
- 09.30-10.00 **"Introduction to genomics"**, Maiken B. Elvestad, IKMM/NTNU
- 10.00-10.45 **" Oil Reservoir Metagenome: New Insight to the Oil Reservoir Processes and Potentials as a New , Unique Norwegian Resource? "**
Hans K. Kotlar, Statoil
- 11.00-11.30 Frukt og kaffepause
- 11.30-12.00 **"Genome resources from the vulnerable parts of Norwegian nature"** Hans Stenøien, Vitenskapsmuseet/NTNU
- 12.00-12.30 **"Genome sequencing of the diatom *Seminavis robusta* - diving into the details"** Tore Brembu, IBI/NTNU
- 12.30 – 13.30 Lunsj
- 13.30-14.15 **"Genomic analysis of the cold-water *Lophelia* coral based on deep sequencing approaches"** Steinar Johansen, UiTr
- 14.15-14.30 **"NTNU in iGEM: Fluorescent stress sensor in E coli."** , iGem
- 14.30-15.00 **" Reconstructing neural networks with Ising models."**
Aree Witoelar, Kavli Institute/NTNU
- 15.00-15.45 Frukt og kaffepause
- 15.45-16.15 **" Whole genome sequencing in human biology. A tsunami of new ethical challenges?"** Kristin Steinsbekk, NTNU
- 16.15-16.45 **"High-throughput sequencing: technology, data, and analysis"**
Robert Lyle, Universitetet i Oslo
- 16.45-17.15 **"Analyzing the genome tsunami: will everyone reinvent the surfboard?"** Geir Ketil Sandve, Universitetet i Oslo

17.20-19.00 Middag