Svein Stølen, vice dean
Faculty for Mathematics and Natural Sciences

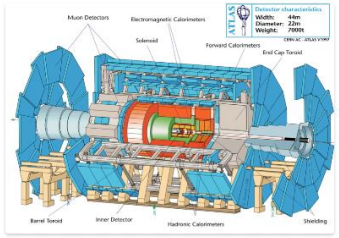
Dærnt's CORNER

MORTENS BLOGG OM FORSKNING OG UTDANNING

Celebration of the Nobel Prize in Physics

11. desember, 2013

Yesterday, we celebrated the Nobel Prize in Physics for 2013 that was awarded Francois Englert and Peter W. Higgs «*for the theoretical discovery of a mechanism that contributes to our understanding of the origin of mass of subatomic particles, and which recently was confirmed through the discovery of the predicted fundamental particle, by the ATLAS and CMS experiments at CERN's Large Hadron Collider.*»



The ATLAS detector. (Click for large picture)

The celebration started with a brilliant talk on the subject by professor Eilam Gross. Professor Eilam Gross is the convener of the statistical data analysis forum of the ATLAS detector in its search for the Higgs particle.

I had the pleasure to give a small speech during dinner, and here is my text:

"There´s Plenty of Room at the Bottom" is the title of a famous talk given by the physicist Richard Feynman at Caltech in 1959, the year I was born. Feynman talked about manipulation

Søk på bloggen

Morten Dæhlen
DEKAN, PROFESSOR

Leder for Det matematisk-naturvitenskapelige fakultet ved Universitetet i Oslo. Opptatt av forskning og utdanning innen naturvitenskap, teknologi og matematikk, og hva realfagene betyr for samfunnsutviklingen. Les mer

5 FRA HISTORIEN

Om rekruttering av lec
på universitetet

Farvel, tellekanter

Regjeringen må fullfør
realfagsmaraton

Myteknusing

Det norske mattebedr

Push for quality ..

The Research Council of Norway

Room for increased ambitions? Governing breakthrough research in Norway 1990 – 2013

Report to the Research Council of Norway

Mats Benner, Lund University
Gunnar Öquist, Umeå University

Report from the University of Oslo's Strategic Advisory Board 2012–14

UiO : University of Oslo

research – innovation - talents

nature materials

Journal home > Archive > Letter > Abstract

Journal content
- Journal home
- Advance online publication
- Current issue
- Archive
- Insights
- Focuses
- Press releases

Letter abstract

Protia AS

Nature Materials **5**, 193 - 196 (2006)
doi:10.1038/nmat1591

Subject Categories: Sensors and biosensors | Materials for energy

Proton conduction in rare-earth ortho-niobates and ortho-tantalates

Reidar Haugsrud and Truls Norby

Some oxides contain sufficient equilibrium concentrations of protons in wet atmospheres to show useful proton conduction at elevated temperatures[1]. As an example, Y-doped $BaCeO_3$ has shown promising performance as a thin-film electrolyte in fuel cells at intermediate

top

nature COMMUNICATIONS

novozymes Rethink Tomorrow

OPEN

ARTICLE

Received 9 Aug 2011 | Accepted 23 Nov 2011 | Published 3 Jan 2012

DOI: 10.1038/ncomms1607

Structure-based mutagenesis reveals the albumin-binding site of the neonatal Fc

Jan Terje Andersen[1,2], Bjørn Dalhus[3,4], Jason Cameron[5], Muluneh Bekele Daba[1,2], Andre Leslie Evans[5], Stephan O. Brennan[6], Kristin Støen Gunnarsen[1,2], Magnar Bjørås[3,4], Darrell & Inger Sandlie[1,2]

Molecular theraphy, nature publishing

ARTICLE

doi:10.1016/j.ymthe.2005.10.019

DNA Vaccines Increase Immunogenicity of Idiotypic Tumor Antigen by Targeting Novel Fusion Proteins to Antigen-Presenting Cells

Agnete B. Fredriksen,[1,*] Inger Sandlie,[2] and Bjarne Bogen[1,*]

[1]Institute of Immunology, University of Oslo, Rikshospitalet and Rikshospitalet University Hospital, Sognsvannsvn. 20, 0027 Oslo, Norw
[2]Department of Molecular Biosciences, University of Oslo, P.O. Box 1050 Blindern, 0316 Oslo, Norway

*To wh... 73510. E-mail: a.b.fredriksen@medisin.uio.no or bjarne.bogen@...dis

8 January 2006

Vaccibody
a novel generation of vaccines

Creating the workforce of tomorrow

Research based education (at all levels)

Development of disciplines

Interdisciplinary actions

High quality research groups

Research for competitiveness and sustainable development

Computing in Science Education
A flagship project

Computational perspective in elementary university-education

- Common foundation for selected BA-programmes
- Computational perspective included in later courses
- Coordinated use of computing - **Biosciences next..**

Lasse, 38

Wojciech, 32

- Functional Oxides through Holistic Understanding (FOXHOUND) innen *materialer og energi.*
- Space Technology, Experiments, Theory and Plasma turbulence (4DSpace) innen *jord og rom.*
- Centre for Integrative Microbiology (CIME) innen *livsvitenskap.*
- Centre for Computational Inference and Evolutionary Life Sciences (CELS) innen *livsvitenskap.*
- Molecular Imaging of Cellular Stress (REALOMICS) innen *livsvitenskap.*
- Centre for Integrative NNeuroplasticity (CINPLA) innen *livsvitenskap.*
- Security and Robustness of Networked Systems (CONCERNS) innen *muliggjørende teknologier.*
- Breaking barriers in medical diagnostics; emerging technologies (DIATECH) innen *muliggjørende teknologier.*

Marianne, 40

Patrick, 34

Forskning

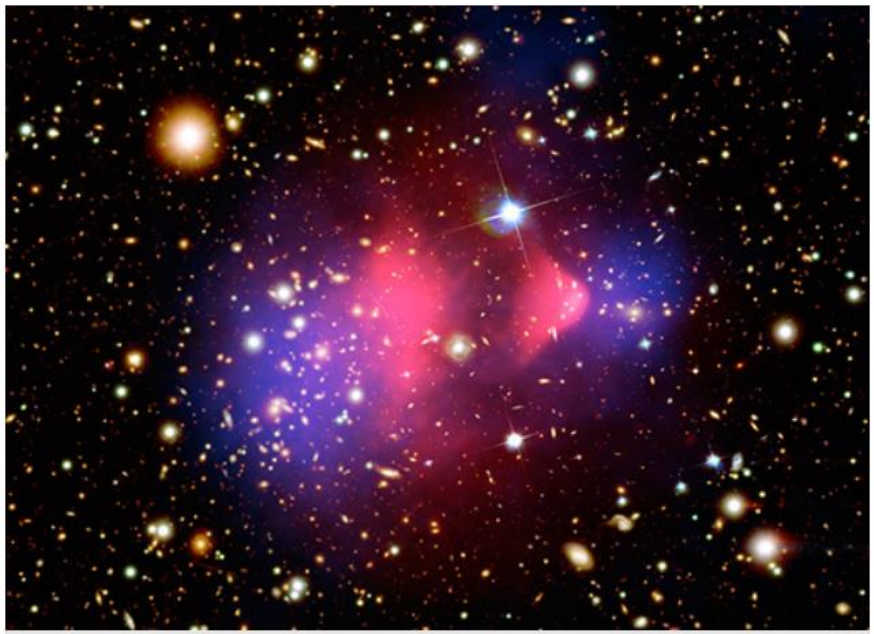
Forskningsprosjekter

- Strategic dark matter initiative - SDI

Strategic dark matter initiative (SDI)

English

Søker etter mørk materie ved å kombinere astro-, astropartikkel- og partikkelfysikk.



Mørk materie omkranser "Bullet Cluster." Foto: X-ray: NASA/CXC/M.Markevitch et al. Optical: NASA/STScI; Magellan/U.Arizona/D.Clowe et al. Lensing Map: NASA/STScI; ESO WFI; Magellan/U.Arizona/D.Clowe et al.

Kontakt

Prosjektleder Heidi Sandaker

Nestleder Torsten Bringmann

Deltakere

- Heidi Sandaker
- Torsten Bringmann
- Øystein Elgarøy
- David Fonseca Mota
- Are Raklev
- Farid Ould-Saada
- Alexander Lincoln Read

Detaljert oversikt over deltakere →

Involverte forskergrupper

- Kosmologi
- Teoretisk fysikk