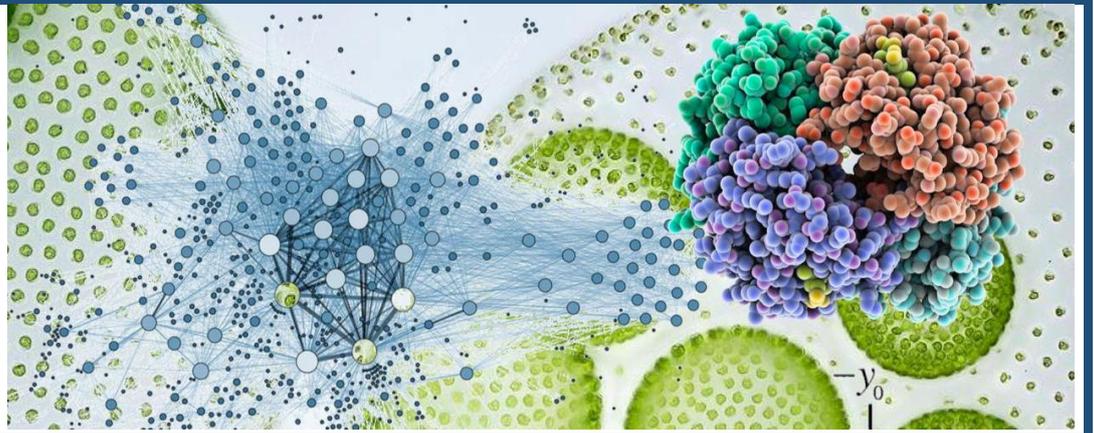


NEWSLETTER

Department of
Informatics



No. 3/2020
14th February 2020



Editor-in-chief: Pinar Heggernes. Editor: Linda Vagtskjold. Contributions or comments to the newsletter are very welcome.

Dear colleagues,

These days we are all receiving emails that remind us that we should remember to register all our publications in the Cristin database. You might be wondering what this is all good for; all this time and effort that might seem wasted on filling out details about publications and co-authors. Well, there is at least one place where it all ends up: the [annual report on science and technology indicators for Norway](#), prepared by the Research Council!

Our scientific output is being assessed not only by the number of publications, but also by the number of citations, impact factors of the publication channels, h-index, g-index, hg-index, you name it. And this is only about publications. As individual scientists, perhaps these are the most common indicators that on which “compete” with our peers. These

indicators play a big role also when we try to be visible in the national and international arenas as a department and as a university. Even as a nation. And there are of course many other indicators. If one enjoys this kind of statistical information, there is certainly great fun and probably some wisdom to be obtained from the annual report for 2019.

The 2019 report shows that Norway is actually doing pretty good, and perhaps better than what we tend to believe when submerged in our daily struggles with too much work and too little time and funding for research. My good colleague through many years, the prorector of UiT, Kenneth Ruud, has extracted some highlights from the report, a few of which I would like to share with you, with his generous permission:

- Number of publications per inhabitant: Norway is number 4 in the world!
- Number of citations per publication: Norway is number 7 in the world, with 53% more than average.
- The amount of funding Norwegian projects receive from EU corresponds to 2.2% of Norway’s financial contribution to EU, which is 10% higher than aimed for.
- For the first time, Norway is among the top 10 most innovative countries in Europe, on the 8th place and ranked above Germany and UK.

As you might expect, in a long report like that not all news are good, but I am determined to enter the weekend on a happy note, so I choose not go into those. In the next newsletter I promise to “entertain” you with some quite depressing statistics of a completely different type (no, it is not about climate change). In the mean while enjoy the good news and thank you for contributing to the favorable statistics!

I wish you all a very nice weekend,
Pinar



The Dean’s Blog – Helge K. Dahle

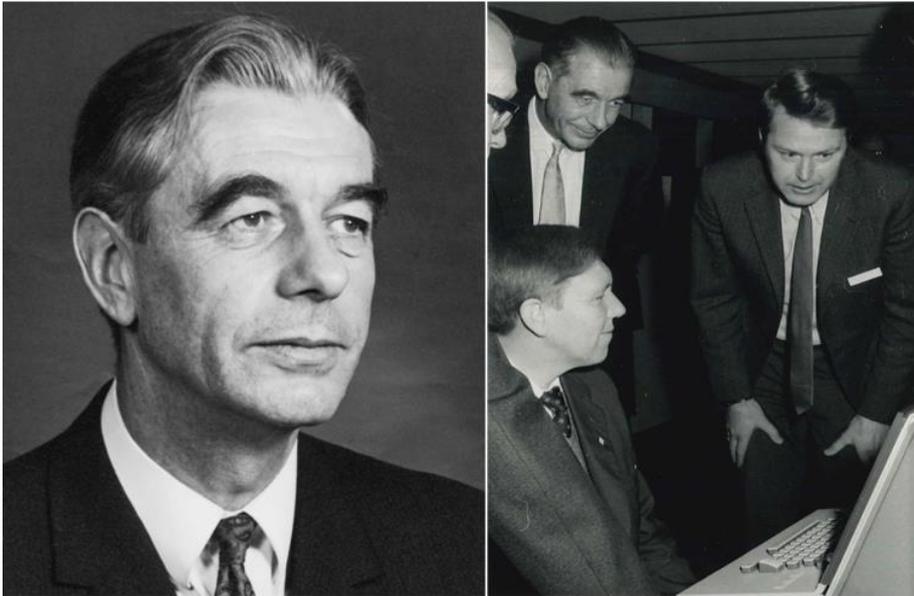
[The Dean’s blog](#) aims to inform us of ongoing work and processes at the Faculty of Mathematics and Natural Sciences.

His latest postings: [Matematikk vil fortsatt være bærebjelken i alt vi driver med](#) - [Kommunikasjon, fakta og forskning: Hvor mye metall fins det i dyphavet?](#) - [Nye statsråder og nye muligheter](#) - [Kunnskap som former samfunnet](#)



Prof. Ernst Selmer 100 years!

Professor Ernst S. Selmer's 100 years birthday was celebrated with a seminar at ViIvite Tuesday this week.



Selmer var en pådriver for å få etablert infrastruktur for tungregning – det vi i dag ville kalt skikkelig datakraft – i Bergen. Til høyre beundrer Selmer UiBs nyanskaffede UNIVAC-maskin i 1973 sammen med Magne Lerheim og Kåre Bjørnenak. Selmer var styreformann for EDB-avdelingen på UiB fra 1970. Foto/ill.: UiB

In connection with this event, two really nice news articles were published at UiB.no "[Kryptologipioner i hemmelig tjeneste](#)" and at Forskning.no "[100 år siden personnummerets far ble født](#)" (both in Norwegian only) These articles are written by Øystein Rygg Haanæs, who will also be writing on a book about Selmer this year.

Picture rapport from "Åpen Dag" (Open day) on February 10

Quite many high school pupils visited us on Open Day on February 10.

The youngsters met among others Noeska, Jan Arne, Pekka and representatives from the student council ECHO.

We hope to see many of them again as new students the upcoming fall semester.



Department seminar

20th February at 14:15

This Department seminar is composed by speed talks given by our own in-house researchers.

The goal is that we all should be a little bit better informed on what our department colleagues are focusing on in their research.



Irene Villa

«To APN and beyond»: optimal objects for cryptography and mathematics»

Michal Walicki

“The liar, digraphs and boolean equations”



Eivind Valen

“Reading DNA – there’s an app for that!”

Large Auditorium 2nd floor Datablokken
Refreshments will be served from 14:00

Den store formidlingsprisen 2020

Fakultetet fortsetter arbeidet med å stimulere til økt formidling, og opprettet i fjor en pris på 50 000 kroner som deles ut i forbindelse med bachelorseremonien i Universitetsaulaen i juni. [I fjor ble Inga Strømke ved Institutt for fysikk og teknologi tildelt prisen for 2019](#)

En jury bestående av dekan, representant for vitenskapelig ansatte, representant for studentene, eksternt fra media og studiesjef skal utpeke en årlig vinner. Fakultetets kommunikasjonsrådgiver er sekretær for juryen.

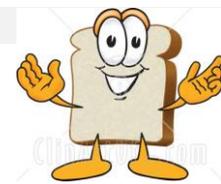
Kandidaten vurderes etter følgende kriterier:

«Formidlingsprisen skal inspirere til å ta formidlingsoppdraget alvorlig. Prisvinneren skal strekke seg langt for å bidra til å opplyse samfunnet, skape debatt, synliggjøre forskning og utdanning ved Det matematisk-naturvitenskapelige fakultetet, stimulere til formidling eller på annen måte være en viktig bidragsyter til kunnskapsspredning og samfunnsdebatt.»

Alle som studerer, arbeider eller forsker under Det matematisk-naturvitenskapelige fakultetet oppfordres til å [sende inn nominasjoner her](#). Det er også mulig å nominere flere personer. Frist for å nominere kandidater er **15. mai 2020**.

Next Faculty & Staff lunch, March 3

The next Faculty & Staff lunch will be on 3rd March in the fourth floor lunch-room! There will be celebration of a birthday 😊!



Student affairs

Teaching portfolio workshop, February 26



Sentre for
fremragende
utdanning



Welcome to a workshop about

The well-structured teaching portfolio

Wednesday February 26th 2020, 13.15-16

Seminar room K3/4, Biologen, Thormøhlensgt. 53B

bioCEED and the Faculty of Mathematics and Natural Sciences invites teachers, leaders and administrative personnel within education to a workshop focusing on how to write and read a reflective teaching portfolio.

The workshop is led by Roy Andersson (Lund University), and with Harald Walderhaug (University of Bergen) who will contribute as to where and how the Faculty and UiB plans to introduce teaching portfolios in the future.



[More information and registration here.](#)

Frokost 19. februar: Program for studentaktiv læring

DIKU har lyst ut [inntil 50 millioner til prosjekter innenfor program for studentaktiv læring](#). UiB læringslab inviterer til [frokost om Dikus program for studentaktiv læring](#) **onsdag 19. februar kl 8.30 – 10.00**.

Her vil de som fikk innvilget sine søknader i forrige runde, Sigrunn Eliassen fra BIO og Pernille Bronken Eidesen ved UNIS, fortelle om sin søknad og erfaringene med det. DIKU vil også komme for å presentere innholdet i årets utlysning.

[Påmelding her](#)

PhD Updates

VISUM 2020 :: Vision Understanding & Machine Intelligence Summer School



Do you want a **great opportunity to get on the cutting edge** of Computer Vision and Machine Learning fields? Check on **VISUM 2020**. The 8th edition of the Vision Understanding and Machine Intelligence (VISUM) Summer School will take place between **2 and 10, July 2020**, at Universidade Portucalense (UPT), in **Porto, Portugal**. [Learn more here](#).

Research, Science and Seminars ScienceNorway.no - forskning.no

Sikkerhetskongressen 2020, March 25-26

Nasjonalt sikkerhetsmyndighet (NSM) inviterer til Sikkerhetskongressen 2020, 25. og 26.mars.



NASJONAL
SIKKERHETSMYNDIGHET

Sikkerhetskongressen 2020 har et overordnet fokus på helhetlig forebyggende sikkerhet. Vi byr på internasjonale gjester som forteller om erfaringer og utsikter i cyber, og to store norske virksomheter med erfaringer fra uønskede hendelser som rammet virksomhetene hardt.

Ett år med ny sikkerhetslov har gått, og vi vil se nærmere på hvordan begreper og avhengigheter kan omsettes til praktisk sikkerhetsarbeid i virksomhetene. NSM presenterer også grunnprinsipper i alle våre fagområder – for helhetlig forebyggende sikkerhet i alle ledd. Videre vil kongressen ta for seg temaer som personellsikkerhet, ny teknologi, risikoforståelse, et spor er om og med Nasjonalt cybersikkerhetssenter, globalisering og teknisk sikkerhet. Avslutningsvis vil vi tradisjonen tro se fremover. Vi byr på foredrag om verdenssamfunnets «uorden», NATO og dets rolle fremover, og avslutter med Jessica Barker og «the human side of cybersecurity».

Flere spennende foredrag og temaer blir lansert etter hvert som kongressen nærmer seg. Program finnes [her](#).

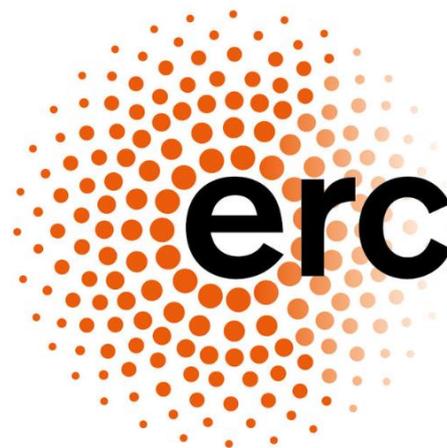
Fjorårets Sikkerhetskongressen hadde over 150 personer på venteliste, og var fulltegnet allerede 7.mars. Vi anbefaler derfor å være tidlig ute med påmelding for å være sikret plass i år. Påmelding til årets kongress finner du [her](#). (Påmeldingslenken leder til tredjepartsløsning)

Meeting: ERC advanced grant information, February 18

I år er det siste frist for ERC Advanced Grant i Horizont Europa (26.8.2020) og ERC vil ha ca.15% mer midler tilgjengelig - det betyr at suksessraten kan komme over de vanlige 11-13%.

Vi har satt opp et kurs for de som vil søke AdG enten i år eller til neste år. Kurset er 18.2. på Hotell Ørnen.

Dagen etter (19.2.) kan man lese innvilgede ERC søknader her ved UiB. NFR tar med en stor koffert og rådgivere kan nå også delta på [lesedagen](#). Våre trenere fra Enspire Science er ekstremt dyktige. Vi har fått mange gode tilbakemeldinger fra faglige ansatte som deltok i fjorårets kurs.



[Påmeldingslenke](#). [Lenke til kalenderoppføring](#).

Your Department Head says:

I encourage all of you to attend this meeting. I think we should try to submit many more proposals to ERC than we have done so far, and the department is planning many incentives to encourage for that. For example that one can be off teaching one semester to work on the proposal. Even if one does not succeed with ERC the first time, we have many examples of succeeding at second or third trial. Even more important, we have many examples of succeeding at FRIPRO and other programmes of NFR with proposals that were first/simultaneously submitted to ERC.

Upcoming funding opportunities

On a monthly basis, the department releases a comprehensive overview over [upcoming funding opportunities](#) on its website for [research support services](#). The next detailed overview will be available in the coming days.

Please inform research coordinator [Stefanie Meyer](#) about all planned and ongoing funding applications!

At this point, we would like to highlight the following upcoming calls and funding/research-related events:

Local funding

UiB project support in global challenges

To support cross-faculty collaboration in research & education within its strategic area "Global Challenges" (sub-topics migration, health and inequality), the university has recently issued a funding call. The **department's deadline is 10 am (Norwegian time) on 23 March 2020**.

You can apply for minimum 10 000 kr and maximum 100 000 kr to support the following activities in 2020: meetings, seminars, travels – if their purpose is to promote cross-faculty education activities or will lead to new funding applications related to cross-faculty research projects. At least 2 faculties need to participate in an application to this call. The planned education activities and research projects need to be relevant for at least one of the three sub-topics mentioned above (migration, health, inequality).

The application is restricted to one page and has to include a short description of the goals/objectives, planned and/or existing collaborations, the planned activities, and a budget. The application can be written in Norwegian or English.

Please note that the following costs are not eligible: equipment costs, costs related to conference participation, costs related to the production of teaching materials, research costs.

National funding

Research Council of Norway: Application deadline 2020 for researcher projects

This year, an individual may serve as project manager for only one grant application submitted for [Researcher Projects for Scientific Renewal](#), [Researcher Projects for Young Talents](#), and [Three-year Researcher Projects with International Mobility](#) for the 6 May 2020 deadline. In addition, the same individual can serve as project manager for one grant application for a [Large-scale Interdisciplinary Researcher Project](#). Please note that IKTPLUSS has no separate sub-call(s) in relation to the May deadline; they have the open-ended calls and, in addition, 25 million NOK are earmarked for ICT-research and digital transformation under the FRIPRO scheme (deadline 6 May). **Application deadline: 6 May 2020**.

Research Council of Norway: IKTPLUSS call on Ubiquitous Data and Services

IKTPLUSS has currently announced two calls in the field of 'Ubiquitous data and services'; one for [researcher projects](#) and one for [collaborative projects](#). A new and revised version of these calls is expected to be released in February. For these, the focus will most likely be on artificial intelligence, robotics and autonomy with associated systems, as well as collaboration across sectors or across fields and disciplines. **Application deadline: open-ended.**

International funding

COST

COST is the [European Cooperation in Science and Technology](#). The organization provides funds for researchers from all fields to set up international, interdisciplinary research networks (so-called COST Actions). COST Actions run on average for 4 years and require the participation of at least seven COST Members. **Application deadline: 29 April 2020.**

Marie Skłodowska-Curie Individual Fellowships

The [MSCA Individual Fellowships](#) are highly attractive mobility grants for experienced researchers as they actively support the individuals' careers. Researchers from all scientific disciplines can apply, and funding includes an allowance to cover living, travel and family costs as well as costs for training, networking, research, management and indirect costs. Find out more about MSCA-IF on [this website](#). **Application deadline: 9 September 2020.**

Events

NORA 2020 annual conference

NORA, the The Norwegian Artificial Intelligence Research Consortium, will hold its first [annual conference](#) on 21 April 2020 in Oslo (Norway). Save the date! **Registration deadline: to be announced.**

CEDAS conference 2020

The first [conference](#) organized by the Center for Data Science will be held between 15-16 June 2020 in Bergen (Norway). Save the date! **Registration deadline: to be announced.**

VIVA 2020

The first [VIVA European Summer School](#) on Artificial Intelligence and Software Verification and Validation will be held between 15-19 June 2020 in La Grande Motte (France). **Registration deadline: 29 February 2020.**

Vacant positions

Senior engineer/ chief engineer (System Developer)

Closing date: 15th February 2020. Please find [the announcement here](#)

HR, Health, Safety and Welfare [sikresiden.no](#) – [UiB employees welfare benefits](#) - [Credit card UiB](#) - [Fire extinguishing courses](#) – [Reporting of Deviations](#)

Fire Safety courses, spring semester 2020

All employees at the UiB are required to complete a fire safety course. The course lasts two hours – 1 hour of theory and 1 hour of practice. If you have not attended a course previously, you are required to do so as soon as possible.

Thursdays March 19, April 23, May 28 and June 25.

Please notice that this spring semester there will be one course in English intended for non-Norwegian speaking staff: Thursday June 25.

[Follow this link to sign up](#). For «Fakturadresse» use this code: 121200



Brannøvelse

HR-portalen er nå tilgjengelig som mobilapp



HR-portalen (Bluegarden mobil) har nå lansert en mobilapp som gjør det enkelt for ansatte å sende inn reiseregninger, sjekke lønsslipp, registrere utlegg og registrere arbeidstid (sistnevnte gjelder kun T/A-stillinger).

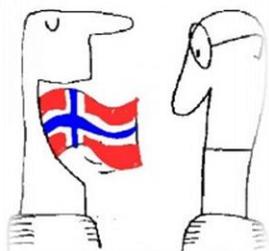
[Mer informasjon her.](#)

Aksjon Sykle til jobben 2020

Det er nå mulig å melde seg på «sykle til jobben 2020». I tillegg til sykling, teller også padling, løping, svømming, klatring, fjellturer og styrketrening er også eksempler på poenggivende aktiviteter. Alle som melder seg på og registrer aktivitet er med i trekningen av premier som blant annet sykler, turer og treningsutstyr. [Lenke for påmelding](#)



Welcome to the cake club (Kakeklubben) on Wednesdays!



Kakeklubben aims to help our international colleagues to practice Norwegian while spending nice time together with colleagues across group borders. Club meetings are held on Wednesdays at 12 o'clock in the lunchroom, 4th floor.

You bring your own lunch, and we serve cake and coffee.

Everyone is welcome, no matter how much Norwegian you speak. We hope to see you there, both internationals and Norwegians!

Yoga on Wednesdays!

Yoga is a great way to reduce stress and tensions from work. Yoga classes are held at our department on Wednesdays at 2:30 p.m. to 3:30 pm at the Meeting room in 5th floor.



Our professional yoga instructor, Kjersti Næss, is teaching in English. No signing up, and no participation fee. Please bring your own yoga mat. We also have some mats for loan. All employees are welcome – also those of you who never tried yoga before.

And remember: When you are too busy to go to the yoga class – then is when you need it the most!



Det gode arbeidsmiljø

Arbeidsliv i endring – hva med arbeidsmiljøet?

Frokostseminar 18. februar

Sikkerhet – kompetanse – trygghet

Et godt arbeidsmiljø kjennetegnes av god ledelse, medvirkning fra ansatte og tydelige organisatoriske rammer. Kompetanse, god kommunikasjon, mestring og anerkjennelse gir både trygghet og trivsel.

Gjennom frokostseminarserien ønsker vernetjenesten ved UiB å sette fokus på betydningen av godt arbeidsmiljø. Her ønsker vi å belyse arbeidsliv og arbeidsmiljø under endring og omstilling. Hvordan tar vi vare på arbeidsmiljøet vårt og hverandre i en verdens om stadig er i endring? Hvordan løser vi fokus på effektivitet, kompetansebygging, fleksibilitet, bærekraft og nye digitale løsninger i arbeidslivet?

Målgruppen er alle ansatte og ledere. Samlingene vil bli holdt ulike steder på campus.

Det første frokostseminaret i 2020 som handler om sikkerhet, kompetanse og trygghet arrangeres tirsdag 18. februar kl. 0830-1000 i Stort auditorium, Lauritz Meltzers hus (SV-bygget). Dørene åpner kl. 0800 med enkel servering av kaffe/te og ett halvt rundstykke fra kl. 0815.

HUSK å ta med kopp til å få servert kaffe/te i.

Møteledere: June-Vibecke K. Indrevik, universitets hovedverneombud (UHVO) UiB og Michael P. Riisøen, vara UHVO UiB.

Program

0830 – Velkommen, universitetets hovedverneombud June-Vibecke K Indrevik

0835 – Sikkerhet – systemer og suksessfaktorer, ved seniorrådgiver ved eiendomsavdelingen Steffen Hauge Wolff

0850 – Bygging av sikkerhetskultur – hva kan su selv bidra med? Ved seksjonssjef ved HMS seksjonen, HR avdelingen Roar Nese

0910 – Du og jeg – en fare for sikkerheten? ved sjefsingeniør ved IT- avdelingen Sidsel Storebø

0925 – Brannsikkerhet ved UiB, ved overingeniør, brann- og sikkerhetsingeniør ved eiendomsavdelingen Tore Reigstad

0940 Dialog og diskusjon, innspill til senere frokostseminar

Meld deg på her: <https://skjemaker.app.uib.no/view.php?id=7826961>

Velkommen!