Dear colleagues,

May is here! With sunshine and many holidays. Let me start this newsletter with the May poem that was promised in April, by Christian Adolf Overbeck:

Kom mai, du skjønne, milde,  
gjør skogen atter grønn,  
og la ved bekk og kilde  
fiolen blomstre skjønn.

Hvor ville jeg dog gjørne  
at jeg igjen deg så!  
Akk, kjære mai, hvor gjørne  
gad jeg i marken gå!

May is perhaps the nicest month in Bergen, and sometimes the highest temperatures of the summer are reached in May. This fits perfectly with the fact that we have three official holidays in May: 13th, 17th, and 24th. I hope that everybody will take the opportunity to enjoy the outdoors. A little bit of exercise and a good amount of sunshine can make a big difference to cope with our daily struggles.

The most prominent of the May holidays is the 17th of May, the constitution day. Those of our colleagues who arrived in Bergen after May 2019 have never experienced the massive and spectacular celebrations of the constitution day. Unfortunately, it will not be possible to have that experience this year, either. May is also the month of the Bergen music festival Festspillene, which has been hit hard by the pandemic. They do have a reduced program this year, though, with hybrid events starting on the 26th of May.

May is normally the month of joy in Norway, and in Bergen in particular. Many weddings take place in May, as well as the confirmations in the Lutheran Church. It is the month of festivities, nice weather, enjoying the nature, and spending time with friends and family. This May, like the last one, is different. I still hope that we will all be able to enjoy May as much as possible, and to turn it into an opportunity to get more optimistic, healthier, and more productive.

As we have entered May, we are also reaching the end of the Muslim month of Ramadan, and I hope that all our colleagues and students who are fasting, have been able to keep healthy and fine. Soon there will be the celebrations of Eid, the time of which actually fits perfectly with the holidays 13th and 17th of May for those who want to turn it into a long weekend.

At this time, as we are mostly safe and optimistic in Norway, our thoughts are with our Indian colleagues and students, whose families and friends are struggling under extremely hard coronavirus conditions in India. I wish for all of your loved ones to be safe and healthy, and I share your deep concerns for them.

Let me take the opportunity to already wish all our Norwegian colleagues and students a very happy 17th of May, and all our Muslim colleagues and students a very happy Eid. I hope that you will be able to make the most out of the celebrations under the current restrictions, being together while keeping your distance and making sure everybody stays healthy.

I wish you all a nice weekend!

-Pinar
Welcome new colleagues!

**Jan Inge Øvrebo**

Jan Inge is our new postdoctoral researcher in molecular biology at the CBU from 1st May. His supervisor is Eivind Valen.

He will work on Eivind's NFR funded project “Decoding the mRNA capping code - CapCode”. Post-transcriptional regulation is a major determinant of messenger RNA (mRNA) fate and protein production. This regulation is directed not only by information in the sequence of the mRNAs but also in the post- and co-transcriptional modifications attached to the RNA. In this project we will use third generation long-read nanopore sequencing to investigate the role of these RNA modifications on the fate and regulation of mRNA. Jan Inge will lead the experimental work and collaborate closely with computational biologists who will develop methods and analyze data.

Jan Inge is Norwegian. He did his PhD in molecular biology at the Department of Biology/Sars in 2014, and then did a postdoc both at the Heidelberg University and at the University of Utah.

**Marta Eide**

Marta is our new senior advisor at the CBU from 1st May. She will serve as the administrative coordinator for the NFR funded project Digitalt Liv Norge.

She will be coordinating the Centre for Digital Life Norway II, DLN2.0 and our local work group «Data and Models» with Inge Jonassen as the PI. She will also be an integrated part of the rest of the Operational Management Team and will be engaged also in the other work groups.

Marta is Norwegian, and lives in Granvin. Her background is in molecular biology from our neighbor department, Department of Biological Sciences, were she did both a PhD (in 2016) and postdoc on how environmental contaminants effect organisms through molecular targets, and how such targets can be identified in the genome.

**Sean Bankier**

Sean will be our new postdoctoral researcher starting from 1st June. His supervisor will be Tom Michoel.

He will work on Tom's NFR funded project “Intelligent systems for personalized and precise risk prediction and diagnosis of non-communicable diseases”. The aim of his project will be to implement a proof-of-concept application in cardiovascular medicine of novel algorithms for predicting disease risk using large-scale, multi-organ causal Bayesian gene networks.

Sean is from the United Kingdom. Sean just finished his PhD in Systems Genetics at the University of Edinburgh, studying the tissue-specific consequences of genetic variation influencing plasma cortisol by applying causal inference methodologies to multi-omics datasets.
Nikolay presenting at the Christie conference!

Great job, Nikolay! We are really proud of you; you are a great communicator! Please learn more about the conference here.

Candidates for the elections of Department Board and Faculty board

Please find the nominated candidates here:
- The Faculty Board
- The Department Board

The voting will be going on in the period May 25th at 09:00 until May 28 at 12:00

IMPORTANT: Multi-factor authentication

Have you activated two-factor authentication for logging into UiB systems from outside of campus? Very soon, it will not be possible to log in unless you have activated this, so please take the time to do it right away. Please find the instructions here.

New Identity and access management (IAM) service introduced in June 2021

In June 2021, UiB will introduce the new Identity and access management service, Felles tilgangsstyring (IAM), for the universities and university colleges in Norway. UiB is the first institution to implement the service, which will be introduced throughout the sector. Felles tilgangsstyring is about giving students, scientific and administrative staff, and guests the right access to digital systems, services and resources; as well as ending access for users who no longer require it.

Why Felles tilgangsstyring?
- To ensure that the right people get the right access, at the right time and for the right reason
- A more user-friendly service for students and staff
- To establish standardized digital solutions throughout the entire sector
- For increased information security, and better overview and control over users and their access

For you as an employee, this means:
- That Sebra is replaced, and employees must use the new system, Rapid Identity
- A new system to activate user accounts and change passwords
- That new employees and guests must be registered in SAP (payroll system) before they can get a user account and access. Students must be registered in the Felles Studentsystem (FS)
Current covid related restrictions
- At least 1 m distance and clean hands at all times; stay at home if any symptoms of sickness.
- Mostly digital teaching.
- Campus and all study halls and reading rooms are still open.
- Home office is still encouraged, but you are welcome to use your campus office if you for some reason need it for having optimal working conditions. Please register here if you did not already register.
- Please pay attention to the marking in reading halls, seminar rooms and common rooms, like the lunch-room.
- The use of face masks applies in all places where it is not possible to keep one meter.
- Sharing offices is now ok if a good distance between the desks is possible.
- The maximum limit for events is 20 with fixed seats.
- All unnecessary travel should be postponed. For travels abroad, there are strict quarantine rules.
- You are strongly recommended to keep yourselves informed about the current rules at all times via the following web pages: UiB, Bergen municipality and Norway national rules.

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

Overview of Department Thursday seminars booked the rest of this semester

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker/Topic</th>
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<tbody>
<tr>
<td>20th May</td>
<td>Peter Van Roy: &quot;A History of the Oz Multiparadigm Language&quot;</td>
</tr>
<tr>
<td>27th May</td>
<td>Speed Talks (Wrya Kadir, NN and NN)</td>
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“Utviklingstid” next week, May 11: Self management
Welcome to webinar May 11th about Self management (in English)

We will discuss how to develop healthy work habits to help us manage time, our feelings about time, our motivation, and our focus.
- How can we win the small daily battles against procrastination?
- How can we support each other to stay focused when it's difficult?
- How can we protect the motivation to achieve long-term goals?
- More concrete tips and realistic advice to improve everyday life

More information and registration here.

NIKT 2021 Call for papers

NIKT 2021, The Norwegian ICT Conference for Education and Research, the main annual meeting venue for ICT academia in Norway, will take place in Trondheim on 29 November – 2 December 2021, hosted by The Department of Computer Science at NTNU.

The conference is a great opportunity both for building networks with colleagues nationally as well as publishing your and your students' work. Accepted papers give credits (level 1) in the Cristin system.

There are four conference tracks, together covering a broad spectrum of topics within ICT research and education:
- Norwegian Informatics Conference (NIK)
- Norwegian Conference for Organizations' Use of IT (NOKOBIT)
- Norwegian Information Security Conference (NISK)
- Norwegian Conference for Education and Didactics in IT subjects (UDIT)

At the conference website, you will find more information as well as calls for papers for each track.

PAPER SUBMISSION DEADLINES: 1 September for (mandatory) paper abstracts and 8 September for papers
Welcome to department seminar, May 20

A History of the Oz Multiparadigm Language

A talk by Peter Van Roy

Oz is a programming language designed to support multiple programming paradigms in a clean factored way that is easy to program despite its broad coverage. It started in 1991 as a collaborative effort by the DFKI (Germany) and SICS (Sweden) and led to an influential system, Mozart, that was released in 1999 and widely used in the 2000s for practical applications and education.

We give the history of Oz as it developed from its origins in logic programming, starting with Prolog, followed by concurrent logic programming and constraint logic programming, and leading to its two direct precursors: the concurrent constraint model and the Andorra Kernel Language (AKL).

We give the lessons learned from the Oz effort including successes and failures and we explain the principles underlying the Oz design. Oz is defined through a kernel language, which is a formal model similar to a foundational calculus, but that is designed to be directly useful to the programmer. The kernel language is organized in a layered structure, which makes it straightforward to write programs that use different paradigms in different parts.

Oz is a key enabler for the book Concepts, Techniques, and Models of Computer Programming (MIT Press, 2004). Based on the book and the implementation, Oz has been used successfully in university-level programming courses starting from 2001 to the present day.

This talk will be held digitally. Link will be posted here before the event.

As usual, the meeting will open at 14:00 for those who want to chat with coworkers beforehand.

Web announcement and participation link here.

Interested in Nvidia Deep Learning Institute courses?

USIT in collaboration with NORA (Norwegian Artificial Intelligence Research Consortium) is organizing series of courses by NVIDIA. We would like to know who is interested in participating in such a course. Learn more here.
More than 10 years have passed since Learning Analytics emerged as a field where student data is used to enhance learning and support learning environments. With the recent pandemic resulting in higher education institutions moving much of their teaching and learning online, large amount of educational data has been produced. Experts presume that with these large amounts of data, Learning Analytics will be more powerful, and will be able to provide precise and data-driven algorithms to support learning. Are these presumptions valid? How can this data best be used to support learning? What are the ethical and privacy issues around the use of this data? Is dataification of education a good idea?

The Centre for the Science of Learning & Technology (SLATE), University of Bergen invites you to an online international symposium on Supporting Learning in Higher Education through the use of Learning Analytics.

The symposium will cover many topics, including:
- Personalized and automated feedback
- Using Learning Analytics to support Self-Regulated Learning
- The future of data-driven applications in higher education
- Student engagement
- Datafication, is it a good idea?
- Ethical perspectives on Learning Analytics

The symposium assembles global experts in the field to share their knowledge and expertise and engage in discussions about future directions. The floor will be open for debate and questions from the participants.

Intern ressurs for videoproduksjon

Her får vi er enda en mulighet for å sette i gang interne produksjoner i samarbeid med studentene på tv-produksjon:

- Har du eller dine kolleger et ønske om en promofilm for et prosjekt?
- Kanskje dere sitter på forskningsmateriale som trenger å redigeres?

Studiet for TV-produksjon på Infomedia tar nå oppdrag for UiBs fakulteter og institutt. De tilbyr tjenester innen filming, redigering, regissering og utforming av videoprosjekter. Arbeidet ingår i studiet, og inntektene går til budsjettet for studentenes eksamensfilm.

Ta kontakt med Thomas V Drageset, Klyngekoordinator, UiB, for å høre mer eller legge inn en bestilling.

PhD updates

Annal NORBIS conference - SAVE THE DATE!

The 7th Annal NORBIS conference is planned to be arranged 27-28th of October, 2021. And if national regulations allow it, we will all meet up at Ullensvang Hotel. If there are any limitations, we plan for a hybrid event like last year with online conference and local events.
Upcoming courses

Genomics for Precision Medicine
This course will cover the use of genetic, epigenetic and transcriptomic data towards precision medicine. The course is split in two parts. The first part will be about one weeklong and has an aim to get the students familiar with starting from basic concepts to hands-on sessions using genomics data for precision medicine.

**Dates:** 14th-18th June 2021 (online lectures and hands-on) + one week project work  
**Location:** Digital  
**Lecturers:** Anagha Joshi, Kim Brugger, Alexander Lundervold, Sean Banks, Adriaan Ludl, Dimitrios Kleftogiannis  
**Credits:** 5 ECTS

[Registration and more information](#)

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2-Day Intensive Academic Writing Skills Course
Join us for this intensive, active, and fun 2-day course on basic academic writing skills led by Mathew Stiller-Reeve. Mathew will introduce you to the basics of (academic) writing, and also the typical structure of an academic article.

**Dates:** 26th-27th May, 2021  
**Location:** Digital  
**Course instructor:** Mathew Stiller-Reeve  
**Registration deadline:** 1st May, 2021

[Registration link and more information](#)

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Vacant positions

**PhD position in Informatics - Machine Learning**  
Please find the announcement here. Closing date: 23.05.2021

**PhD position in Informatics - Computational Biology**  
Please find the announcement here. Closing date: 02.06.2021

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Publishing Open Access

**Open Access Policy**
The University of Bergen Library has prepared very good websites on the current status of local, national and international open access (OA) policies as well as their services related to OA publishing. Please have a look at their websites and make yourself familiar with the different policies as well as the existing publishing deals with several of the academic publishers. [UiB’s policy for Open Science](#) can be found by following the link. Furthermore, UiB has a publication fund for OA that can cover the article processing charges (APC) when publishing in eligible open access journals.

Before you (your group) pay(s) any fees for making an article openly available, please consult the webpages to see if you are entitled to a discount, may get the fees refunded through the publication fund, or maybe don't even have to pay anything based on an existing agreement with the publisher!

If you have questions, please contact the department’s research coordinator [Stefanie Meyer](#).

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[Publication fund for Open Access at UiB](#)  
[Open access publishing deals](#)  
[Open Access - what, why and how](#)
Plan S requirements

For calls for proposals from and including 2021, the Research Council of Norway (RCN) will require full and immediate open access to all articles from projects that receive funding from the Council.

According to the Plan S requirements, there are three main ways to OA: publishing in OA journals, publishing in venues under a transformative arrangement, or making a version (either the AAM or final version) of the article available by depositing it in an open archive. For any chosen route to compliance, the publication must be **openly available immediately** with a Creative Commons Attribution license (CC BY). Coalition S has recently launched a [journal checker tool](https://www.ccsenet.org), where you can check whether your chosen journal/venue is Plan S compliant and which routes are available. Currently, the requirements apply only to scientific articles. During 2021, cOAlition S will develop joint open access requirements for scientific books and book chapters (monographs and anthologies). When this has been done, the RCN will introduce requirements for scientific books in line with the recommendations made by cOAlition S. Please also note that the RCN requires all articles to be archived in a suitable open archive (no matter which OA route was used). We recommend to use CRIStin for this purpose.

Data Management Plans

A data management plan, or DMP, is a formal document that outlines how research data are handled throughout the whole project life cycle - including the planning phase, the operational phase, and project conclusion – as well as beyond the lifetime of the project. DMPs are a key component of Open Science practices, where the overall principle is that research data should be "as open as possible, as closed as necessary".

UiB has its own [Open Science policy](https://www.ubb.nkt.no), where it is stated that all research projects led by UiB researchers shall have a DMP. For externally funded projects, also the funding agency’s Open Science principles and DMP requirements have to be followed.

In principle, project leaders should strive to manage their research data according to the FAIR principle. FAIR means that research data have to be findable, accessible, interoperable and reusable.

The exact content of a data management plan will vary according to research field and type of project. It is important to determine what “research data” actually entails. The University of Bergen Library (UB) has included some comments regarding this on their [website](https://www.ubb.nkt.no), showing that both entirely new data and data generated through the analysis of existing data (secondary data) need to be described. Analysis software/program code created in the research process could also be relevant to consider. Special rules apply to sensitive data.

For more details and guidance, please have a look at UB’s website on [Data Management Plans](https://www.ubb.nkt.no) (DMPs). Here you can find information on what should be included in a DMP, how to write it, where one can get support when developing it, upcoming training events and a list of links to several online tools that can help you to structure your DMP.
Upcoming funding opportunities

On a monthly basis, the department releases a comprehensive overview over upcoming funding opportunities on its website for research support services. Please inform research coordinator Stefanie Meyer about all planned and ongoing funding applications! This includes both applications you coordinate yourself, and those where you are included as a partner/collaborator! At this point, we would like to highlight the following upcoming calls and funding/research-related events:

**IKTPLUSS.** There is an open call for Collaborative Projects on Digital Security and Artificial Intelligence, Robotics and Autonomous Systems. “The objective of this call is to develop new knowledge within one or both topics for the call: Digital security and/or AI, Robotics and Autonomous Systems. [...] The project must involve two or more Norwegian partners that are not research organisations. Partners that are not research organisations must together participate with a minimum of 10 per cent of the total project costs.” **Application deadline: open-ended.**

**Enabling technologies.** The Research Council of Norway has issued preliminary calls for both researcher and collaborative projects in the area of technological/digital convergence (teknologikonvergens). More information will be available soon. **Application deadline: 15 September 2021.**

**Student active learning.** Diku, the Norwegian Agency for International Cooperation and Quality Enhancement in Higher Education, has an open call for applications in the area of student active learning. The focus is on projects that develop, implement, evaluate and use student active teaching and assessment. Applications from all research disciplines are welcome. Applicants need to make sure that the activities target whole study programs or larger groups of subjects. **Application deadline: 24 September 2021.**

**Webinar for applicants:** 8 June 2021.

NB: All applications should be developed in close collaboration with the department’s study section and research coordinator!

**Capacity building to strengthen industry-relevant research.** “Vi lyser ut 240 millioner til seksårige [3+3] prosjekter, der målet er å utvikle kunnskap og bygge kapasitet og forskningskompetanse for verdiskaping og omstilling/nyskapning i nærings- og arbeidslivet i regionen deres. Universiteter, høyskoler og forskningsinstitutter kan søke. Utlysningen favner alle fag- og forskningsområder. [...] Egenfinansieringen må være minimum 30 prosent av de godkjente prosjektkostnadene.” **Application deadline: 15 September 2021.**

**Positioning funds for EU proposals.** The Faculty of Mathematics and Natural Sciences has announced a new call for POS funding in all three categories. In category 1, researchers can apply for up to 90 000 NOK per proposal. The **application deadline to the department is 5 June 2021.** Please use the template from the website and send your applications to Stefanie Meyer.
**ERC.** The European Research Council has updated their website with the call deadlines for 2021, as well as tentative deadlines for the 2022 calls:

- Advanced Grant ‘21, **31 August 2021**
- Synergy Grant ‘22, **10 November 2021**
- Starting Grant ‘22, **13 January 2022**
- Consolidat. Grant ‘22, **17 March 2022**
- Advanced Grant ‘22, **28 April 2022**

**ERC funding explained:** Watch the ERC’s instructional videos.

**ERC video academy for StG and CoG applicants:** Registration deadline is **19 May 2021**.

**Olav Thon Foundation.** This year, the Olav Thon Foundation announces the following calls:

- International Research Award for Mathematics/Natural Sciences and Medicine.
- *National academic prizes within Mathematics, the Natural Sciences and Medicine: One can make nominations for the National prizes for excellence in teaching. Please note that in 2022 there is no announcement of funds for research support. Application deadline: 15 September 2021.

*We are waiting for the guidelines from UiB and the faculty. Depending on those, the department may set an earlier internal application deadline.*

**CMI-UiB Collaboration Funds.** Chr. Michelsen Institute (CMI) and the University of Bergen (UiB) “are now inviting applications for 2021-2022, to promote research collaboration between [the] two institutions. [...] Supported projects must be in line with the strategies of both CMI and UIB. The aim of the support is to strengthen Bergen as a hub for development research and education.”

**Application deadline: 15 June 2021.**

Please contact Stefanie Meyer for further details about this call.

**European Research and Innovation Days 2021.** “European Research and Innovation Days is the European Commission’s annual flagship Research and Innovation event, bringing together policymakers, researchers, entrepreneurs and the public to debate and shape the future of research and innovation in Europe and beyond. The event will take place online [...]”, allowing everyone to get involved from anywhere.” Save the date! **Event: 23-24 June 2021.**
Welfare offer for UiB employees: Theatre concert, May 14

Frode Grytten og Frode Grytten Beat Band er tilbake i Logen med teaterkonserten «Djevelen og eg»

Tilsette ved UiB kan kjøpe billetter til kun kr. 350 (ord. pris kr. 450) til fredag 14. mai og tysdag 18. mai kl. 19.00 på Det Vestnorske Teateret i Logen
Du kan kjøpe billetter her eller sende epost til publikum@detvestnorsketeateret.no (ref. UiB).

Fredag 14. mai
Tysdag 18. Mai

Velkommen til frokostmøte 19. mai: «Arbeidsmiljø - ansatte - psykososialt»

«Arbeidsmiljø - ansatte - psykososialt» er tema for frokostseminaret 19.mai


Håkon Johannessen skal snakke om:
"Kan du bli syk av forhold på jobben din? - Betydningen av psykososialt arbeidsmiljø for trivsel, helse og fravær"

Lise Fløvik skal snakke både om:
Organisasjonsendringer – En sunn forandring? - Større organisasjonsendringer er noe de aller fleste ansatte har eller vil oppleve, men hvordan påvirker slike omfattende endringer organisasjoner, arbeidsmiljø og ansatte over tid?

Hjemmekontor – På godt og vondt?
Fjernarbeid og arbeid hjemmefra har svært mange ansatte stiftet bekjentskap med i løpet av det siste året og mang en prediksjon tilsier at fjernarbeid vil fortsette å være en utbredt arbeidsform også etter Covid-19. Men hva vet vi egentlig om hvordan arbeid hjemmefra påvirker både arbeid, arbeidsmiljø og ansatte?


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

Velkommen!