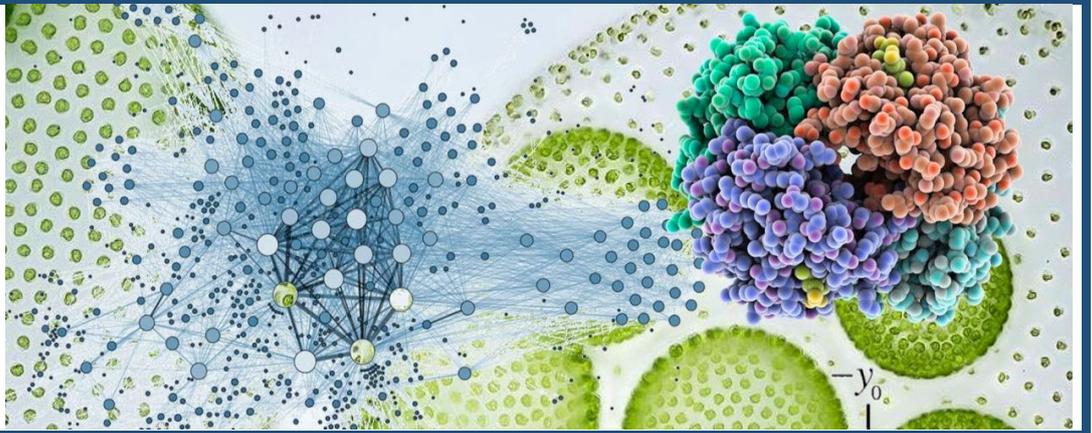


# NEWSLETTER

Department of  
Informatics



No. 01/2022  
14.01.2022



Editor-in-chief: Inge Jonassen. Editor: Randi Heggernes Eilertsen. Contributions or comments to the newsletter are very welcome.

## Dear colleagues,

Dear all,

First I would like to wish all of you a Happy New Year!

I know many of you are now preparing grant applications for the application deadline in February. The researcher project (Fripro) call from the research council is an opportunity to get funding to allow you to pursue your research ideas and is open to all directions of research. This makes the call highly attractive to researchers across the country, and therefore it is very competitive with funding rates well below 10%. It is important not to give up if your application is not granted – many obtain support after attempting several times.



Also, please seek advice and help from your colleagues and not the least from Stefanie who will do her best to help you succeed. She may also help you identify other calls that may be appropriate for your application. I really appreciate all the hard work you put in and cross my fingers for a good outcome for each application!

You may also want to use a current opportunity to provide your input to the strategy of the Research Council of Norway. Now they have an open invitation to provide input to the revision of a number of so-called portfolio plans. Each such plan describes strategic priorities and outlines possible actions within a domain or scientific field supported by the council (for example Enabling technologies that includes the IKTPLUSS program). The council prefers to have one set of inputs from each institution, and you may provide your feedback through UiB by sending it to Stefanie or me before the end of the month.

I would also like to use this opportunity to welcome Randi into a new role at the department! Starting the 1<sup>st</sup> of January she is now with us 100% is taking on new responsibilities in addition to outreach/communication. Among other things she is editing the Newsletter (starting from this one!) – so if you have items to be included in the newsletter, please send them to Randi.

I wish you all a very nice weekend!

Inge

## The Dean's Blog – Gunn Mangerud

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

Her latest postings:

- [Det lønner seg å drive kunnskapsoverføring](#)
- [Godt nytt år til alle ved fakultetet!](#)
- [Uten langsiktige investeringer i infrastruktur blir det vanskelig å innfri ambisjonene](#)



## Welcome new colleagues!



### Lene Tøftestuen

Lene is a fresh graduate from the Digital Culture Master's program here at UiB, where she also did her Bachelor's degree.

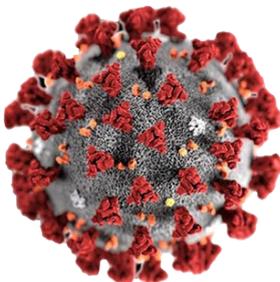
Lene will be filling the role of Ragna Breines while she is on leave. She will be working as a coordinator for NORBIS, and she will be providing administrative support towards the SFU application in late April.

## Current Issues [På Høyden](#) - [Krono](#) - [News from NFR](#) - [News from UiB](#) - [Informatics on Facebook](#)

### Short overview of upcoming department events

4 February	(Cancelled/Postponed) <del>Petter Bjerstad celebration in the University Aula</del>
22 February	Department Board meeting at 13-14:30
15-16 March	Teacher's retreat (Faculty event)
4-5 April	Department gathering 2022, at Solstrand
20-23 April	6th Creative Mathematical Sciences Communication conference ( <a href="#">CMSC'22</a> ) in Bergen

### New corona measures



The government is adjusting the current national infection control measures, that took effects at midnight today, the 14<sup>th</sup> of February.

The university management will meet the minister Friday to be further informed about the adjusted measures and will return with additional information after this meeting.

The most relevant new measures for the university are:

- All activities are still to be conducted with proper infection control.
- University, university colleges and vocational schools are recommended to facilitate more on-campus education. Provided that infection control advice is being followed: aeration, distance and staying at home in case of symptoms.
- Provided that there is sufficient access to tests, it is recommended to facilitate regular testing of students. Tests should be handed out to students and there should be easy access to tests on campus.
- Smaller groups / seminar groups / seminars in classrooms should be limited to a maximum of 30 people with a distance of one meter. The distance recommendation can be deviated from where it is necessary for the implementation of the teaching.
- For teaching in a larger auditorium, the number limit for public events (200) with fixed allocated seats applies, as well as the requirements for proper infection control.

New information and updated measures relevant to the university will be posted on [UiB's Corona information page](#).

## Compulsory digital fire protection course for all UiB-employees

All UiB-employees must complete a digital fire protection course as soon as possible. The course can be found by logging in with Feide via the following link: <https://nettkurs.tiv.no/no/feidelogin>, where you also can choose whether you want to take the course in Norwegian or English. If anyone has problems or questions about the course, they can contact support at: [support@tiv-kurs.no](mailto:support@tiv-kurs.no).

All employees must have completed a fire protection training consisting of both a theoretical and practical part, according to the Fire Act and the HSE Regulations at UiB. The new digital course will replace the theoretical part of the fire protection training and must be repeated annually. Employees will receive an email notification when it's time to retake the course. We remind you that this course must be carried out regardless of when you last took fire protection courses at UiB.

## UiB is launching Tredjepartsportalen ([apps.uib.no](https://apps.uib.no))

In January 2021 UiB launches Tredjepartsportalen, a solution where students get access to relevant software to enhance learning where they are, when they need it – simply administered by the teachers themselves.

Tredjepartsportalen provides students with on-demand access to software for use in teaching and assessment, access is provided quickly, self-serviced and integrated in Mitt UiB. Tredjepartsportalen is developed by UiB in collaboration with external technology partners and has been tested on a variation of courses at UiB in 2020. Tredjepartsportalen is launched to all students at UiB in January 2021.

[More information about Tredjepartsportalen.](#)

## Invitation to teachers' retreat

The faculty has reached out with the following invitation:

“We would like to invite all teachers at the faculty to a lunch-to-lunch retreat 15-16 March 2022. The event will take place at Scandic Flesland, given that corona measures allow for in-person meetings, or else we will postpone

The program will focus on Feedback and assessment. This topic is relevant, in part due to new regulations starting fall 2022, requiring two evaluators on all exams (A-F scale). We will discuss alternative forms of assessment, and ways of allocating teaching resources to improve student learning outcomes.

The program will include both plenary sessions and workshops that will inspire, provide new perspectives, and give opportunities for sharing experiences with others.

All teachers are encouraged to register for the retreat by **25 January** on [this form](#). Expenses for participation and hotel will be covered by the Faculty. Note, however, that there is a limited number of spaces

Best regards,  
Sigrunn Eliassen  
Vice-Dean for Education”

## PhD updates

### There's a new PhD in town – Congratulations Anna Maria Eilertsen!



Anna Maria successfully defended her thesis "*Improving the Usability of Refactoring Tools for Software Change Tasks*" on the 22<sup>nd</sup> of December.

[Read more about her project here.](#)

Congratulations to Anna Maria and her supervisors Anya Bagge and Gail C. Murphy!



### NORBIS conference - SAVE THE DATE!

The 8th and last NORBIS conference will be arranged in 2022 at Rosendal Fjordhotell week 43, 24-28 October. More information to come! But for now, save the date!



### Population genomics

**Dates:** 28<sup>th</sup> February-4<sup>th</sup> March, 2022. **Location:** North University, Bodø. **Course responsible:** Joost Raeymaekers. **Lecturers:** Joost Raeymaekers, Lars Martin Jakt, Irina Smolina, Alexander Jüterbock, Britta Meyer, Mark Ravinet, Emiliano Trucchi, Oscar Gaggioti, Bart Peeters, Anja Westram, Kostas Sagonas. **Credits:** 5 ECTS. **Evaluation:** The evaluation will be report-based. The students will analyze a population genomic dataset (preferably their own data or data related to their own research topic), interpret and write a report. The students deliver the report within a month after the end of the course.

**Short description:** This course brings together an international collection of lecturers and course participants to study techniques for the analysis of population genomic data. The course consists of a series of lectures, demonstrations and computer laboratories that cover theory and practice of population genomics analyses. [More information and external link to registration here.](#)



### High Performance Computing in Bioinformatics

**Dates:** March 14-25, 2022. **Location:** University of Oslo. **Course code:** INF9380. **Organizers:** Torbjørn Rognes, Abdulrahman Azab, Arvind Sundaram. **Invited lecturers:** Marri Louhivuori & Jussi Enkovaara, CSC (IT Center for Science), Finland. Abdulrahman Azab, Chief Engineer, University Centre for Information Technology, UiO. Arvind Sundaram, Research scientist, Norwegian Sequencing Centre, Oslo University Hospital. Bjørn-Helge Mevik, Darren Starr, Leon Charl du Toit, Marcin Krotkiewski, Maiken Pedersen, Ole Widar Saastad, Sabry Razick, USIT, UiO

**Credits:** 5 ECTS. **Evaluation:** Practical student project (home exam) with hand-in of written report.

**Short course description** This course focuses on the application of high performance computing (HPC) to bioinformatics analysis. The main target is to provide a background on how to effectively use HPC clusters for running computationally or data intensive bioinformatics applications. The course will mainly include teaching students selected bioinformatics tools and workflows, and how to use HPC platforms to speed up and maximize the overall throughput of intensive bioinformatics analysis. [More information and external links to registration as visiting student at UiO here](#)



## Research, Science and Seminars [ScienceNorway.no](https://ScienceNorway.no) - [forskning.no](https://forskning.no)

### Visual Computing Forum with Jan Byška, 28<sup>th</sup> of January, 10:15



Exploration and analysis of large biomolecular datasets with spatio-temporal or multidimensional traits

This seminar is prepared as a hybrid event (in-person + streaming via Zoom). You are very welcome to join the meeting physically\* ([Thormøhlens gate 51 \(ViilVite\)](#), [Konferanserom A](#)) or virtually in Zoom ([Zoom Meeting Link](#)). In order to comply with current pandemic-regulations, we ask you to register your participation via the following link: <https://skjemaker.app.uib.no/view.php?id=11985438> (super-simple survey)

For more details about the speaker and the talk, please visit [vis.uib.no/events/vcf-jan-byska/](https://vis.uib.no/events/vcf-jan-byska/)

### Unplugged! CMSC2022, 20<sup>th</sup> – 23<sup>rd</sup> of April at the University of Bergen



The 6th International Conference on Creative Mathematical Sciences Communication (CMSC 2022) will take place Wednesday through Saturday, 20 – 23 April, 2022 at the University of Bergen in Bergen, Norway.

Join scientists, researchers, teachers and artists in developing new ways of communicating mathematical and computational thinking, including computing activities across the curriculum, at every level.

See <https://cm-sc-uib.org/> to read more, see speakers and register.

### The fifth SDG Conference Bergen, 9-11 February 2022



#### “Ways of knowing, modes of living: Dialogues across a fragmented Earth for the 2030 Agenda”

The annual national SDG Conference Bergen was initiated by the University of Bergen and the annual event is planned in dialogue with the other Norwegian universities, the Ministry of Education and Research, the Ministry of Foreign Affairs, and the Ministry of Local Government and Modernisation. For more information about the conference in 2022, please visit the dedicated [event website](#).

## Publishing Open Access and Data Management Plans



Please check and register your publications in the CRISTin database by 31 January.

CRISTin (Current research information system in Norway) is a research information system for hospitals, research institutes, and universities and university colleges. One of the primary purposes of the system is to

collect all the registrations and reporting of research activities of institutions within the three sectors in a common system.

As every year, we ask you to log into CRISTin and check if your publications for the last year (2021) are complete and correctly registered. Please correct potential errors and inconsistencies and add missing publications. In addition, UiB requires a full-text version of all research articles to be uploaded to the database. The deadline for completing those tasks is the 31st of January 2022.

More detailed information on how to register publications in CRISTin, as well as guidelines on how to upload the full text, can be found here:

<https://www.uib.no/en/ub/79539/cristin>

<https://www.cristin.no/english/researcher-pages/register-publications-nvi.html>

Please note, that the budget of our department is partly dependent on the publications that our scientific staff are authors and coauthors of. The research groups will be rewarded according to their registered publication points.

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](#).



[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) requires 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 launched a [journal checker tool](#), 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](#), 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](#), 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](#) (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:



**Enabling technologies.** 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.**



**Collaborative Project to Meet Societal and Industry-related Challenges.** The Research Council of Norway has issued a [call](#) "to develop new knowledge and generate research competence needed by society or the business sector to address important societal challenges." Projects are required to include at least two Norwegian partners from the non-academic sector. "The partners from the business sector or other parts of society must participate actively in the project. At least 10 per cent of the project's total costs must be used by these partners." **Application deadline: 9 February 2022.**



**INTPART.** The RCN has published a “notification of the upcoming call for proposals. Norwegian research organisations may apply for funding for partnerships with Brazil, Canada, India, Japan, China, Russia, South Africa, South Korea, the USA, Germany and France. Other countries may be added in the final call for proposals.” **Application deadline: 16 March 2022.**



**Researcher projects.** The RCN has published calls for Researcher Projects for Scientific Renewal, Researcher Projects for Young Talents, and Three-year Researcher Projects with International Mobility. **Application deadline: 2 February 2022.**



**ERC.** Call deadlines for the 2022 calls are:

- Consolidat. Grant '22, 17 March 2022
- Advanced Grant '22, 28 April 2022

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



**UTFORSK.** “The programme supports the establishment of long-term partnerships between Norway and Brazil, Canada, China, India, Japan, Russia, South Africa, South Korea, and the USA.” **Application deadline: 20 April 2022.**



**EU Cancer Mission.** “Research is needed to develop and validate non-invasive, or minimally invasive cancer screening and detection methodologies for everyday medical practice and population-based screening programmes, including enhanced participation of the target population. These programmes should become faster, more precise and personalised, affordable and accessible.” **Application deadline: 26 April 2022.**



**Trond Mohn Stiftelse (TMS) Starting Grants.** “The Trond Mohn Foundation Starting Grant programme aims to assist the University of Bergen (UoB) in recruiting young national or international candidates with outstanding academic merit and research potential.” **Application deadline: 8 March 2022.**

As this type of grant requires considerable contributions from the faculty and department, **all applications must be approved by the head of department before starting the application process!**



**AIM SQuaREs.** Program “to allow a dedicated group of four to six mathematicians to spend a week at AIM in San Jose, California.” **Application deadline: 1 November 2022.**



**UiB ide.** “UiB idé gives employees and students the opportunity to apply for support to test and develop good innovation ideas.” **Application deadline: 15 March 2022.**

## Need help?

Please contact research coordinator Stefanie Meyer if you have questions with regard to your *planned and ongoing funding applications* as well as *all contractual work related to external funds!* All applications and agreements/contracts need to be approved by the department leadership. In addition, you can have a look at our websites for research support services, where you will also find a list of our services.



## Norsk kick-off for Digital Europe.

«Digdir, Forskningsrådet og Innovasjon Norge inviterer til digitalt informasjonsmøte om EUs nye samarbeidsprogram, Digital Europe Programme (DIGITAL).» **Webinar: 26 January 2022. Registration is open.**

## Vacant positions

### Senior Engineer

Please find [the announcement here](#). Closing date: 15.01.2022

### Postdoctoral Research Fellow position within Informatics - Bioinformatics

Please find [the announcement here](#). Closing date: 30.01.2022

### Postdoctoral Research Fellow position in Informatics – Cryptography

Please find [the announcement here](#). Closing date: 06.02.2022