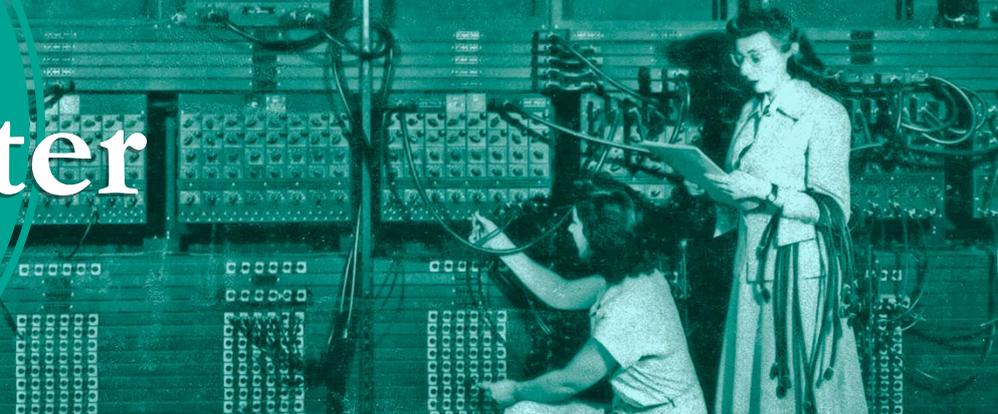


Newsletter

DEPARTMENT OF INFORMATICS, UIB
No.03/2022, 11.02.2022



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

Dear Colleagues,

Today is the United Nations International Day of Women and Girls in science! To quote the UN web pages:

“In order to achieve full and equal access to and participation in science for women and girls, and further achieve gender equality and the empowerment of women and girls, the United Nations General Assembly declared 11 February as the International Day of Women and Girls in Science in 2015.”

Even though we have come quite far in the work towards gender equality and equal opportunities, there is still more to be done. It is good that the UN is putting this on its agenda and that also we, at our faculty of mathematics and natural sciences, have a special focus on this through the GenderAct project.

This can make us more aware of factors such as implicit biases, that may influence decisions and priorities, and small and larger obstacles that together may disfavour women’s careers – in science and elsewhere.

Being aware of the issues makes it possible to try to counter them, and in the longer term hopefully improving the gender balance both among staff and students. Hopefully women and men will be equally recognized for their achievements – irrespective of their gender!

Concerning recruitment, the application deadline for applying to higher education in Norway is coming up in a couple of months. We are doing our best to spread information about our excellent study programs to potential students. It is great if you can also help – maybe by talking to younger relatives, neighbours – and liking and sharing social media items helping our visibility!



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 The Faculty of Mathematics and Natural Sciences.

Her latest posting:
[Hva er viktigst: At studenter gjennomfører på normert tid eller får seg en grad?](#)

Article from the faculty

- Vi får ikke den samme oppmerksomheten om de faglige suksessene våre



Kjønn står i veien for både muligheter, finansiering og anerkjennelse i akademien. Det mener tre sentrale MatNat-forskere, som på FN-dagen for kvinner i vitenskap deler sine tanker om hva som må gjøres. [Les](#)

Current Issues

Short overview of upcoming department events:

9-11 February	SDG Conference: " Ways of knowing, modes of living "
22 February	Department Board meeting at 13-14:30
24 February	UiB AI seminar: " How AI helped solve Protein Folding - and why it matters "
5-16 March	Teacher's retreat (Faculty event)
4-5 April	Department gathering 2022, at Solstrand
20-23 April	6th Creative Mathematical Sciences Communication conference (CMSC'22) in Bergen

Carlos Cid is the new director of Simula UiB



After a thorough recruitment process, Carlos Cid has signed the contract to become the new director of Simula UiB. Cid currently holds a position as a professor in Information security at Royal Holloway University of London. He is already well acquainted with Simula; since June 2018 he has held a 20% position as visiting researcher at Simula UiB. Cid is originally from Brazil, but has lived in the UK for 20 years.

With Carlos, Simula UiB gets a director with a strong scientific background in information security and extensive leadership experience. The board of Simula UiB is enthusiastic about bringing him to Simula and looks forward to collaborating with him in taking Simula UiB into the future.

Carlos Cid starts his position on May 1st and will move to Bergen during summer 2022.



Department Discord server

The department has a new discord server for informal, casual chatting and sharing.

You can join the server through [this link](#).

If you want to know more about what discord is, please ask one of your gamer coworkers.

Invitation to seminar: UiB AI

“How AI helped solve Protein Folding – and why it matters”

The [UiB AI Steering Group](#) welcomes you to a seminar on February 24th at 10am in the University Aula. The seminar lasts until 11:30 and there will be lunch and discussions 11:30-12:00.

This is the first in a series of seminars on artificial intelligence at UiB. The seminars will be a meeting point across departments and fields of research, where different examples on the use of AI in research will be presented.

On February 24th, Inge Jonassen and Nathalie Reuter (Department of Chemistry) will speak to us on how AI helped solve Protein Folding – and why it matters.

Since participation is physical and we will order food, we ask all participants to register via the link on the seminar web page. You will find more information about the seminar and registration link here: [How AI helped solve Protein Folding - and why it matters | UiB AI | UiB](#)

Welcome!

Mobility seminar for researchers

The International Centre will host a mobility seminar 24. February 2022. The seminar is held digitally and in English and is available for PhD, Post doctors and permanent staff planning a research stay outside Norway in 2022/2023.

[Read more and register here.](#)

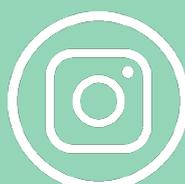
Kakeklubben is back – now at 12:30

Kakeklubben is back for those who want to practice Norwegian and eat cake. Kakeklubben is every Wednesday at 12:30 in Kremle (4th floor, to the left from the lift/stairs)

Everyone is welcome, no matter their skill level.



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NORBIS activities

Population genomics (NOTE: New dates)

Dates: 21st -25th February 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.](#)

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!

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](#)

Sequence comparison and database search

Dates: May 9-13, 2022. **Location:** University of Bergen. **Course code:** NORBIS901. **Organizers:** Inge Jonassen, Cedric Notredame. **Lecturer:** Cedric Notredame, Center for Genomic Regulation. **Credits:** 5 ECTS.



Evaluation: The students will sit through a two-hours written exam. In addition, the written report will need to be approved.

Short course description: This course provides insight into methods for analyzing biological sequences. Its goal is to present an overview of some advanced concepts of sequence alignments and some of their applications with a strong emphasis the algorithmic homology based multiple sequence alignment modelling, one of the most widely used method in biology. [More information and link to registration here.](#)

Open Science at UiB

The University Library offers open webinars on the principles of Open Science, and you are all welcome to participate:

<u>Making your research visible and open using ORCID</u>	25.02.2022
<u>DMP workshop</u>	11.03.2022
<u>How to make your research data open and FAIR?</u>	25.03.2022
<u>Finding & reusing research data</u>	22.14.2022
<u>Introduction to DMP</u>	13.05.2022
<u>Open Access - step by step</u>	03.06.2022

Read about Open Science policy and opportunities:

UiB's Policy for
Open Science

UiB Publication
Fund

Open Access
Publishing
Deals

Open Access –
What, why and
how

Data
management
plans

Vacant Positions

Researcher in Informatics: Algorithmic foundations of data science

Please find [the announcement here](#). Closing date: 11.02.2022

Senior Engineer

Please find [the announcement here](#). Closing date: 11.02.2022

Upcoming Funding Opportunities

Meltzer Research Fund has made additional funds available this year, and the university has now released an **extraordinary call for applications**.

The funding database will open on 14 February, and scientific staff can then apply to cover costs in the following categories:

-Utgifter til gjennomføring av vitenskapelige konferanser/workshops/utstillinger og andre faglige samlinger og symposier. Det kan søkes om inntil NOK 200.000.

-Mindre forskningsinfrastruktur. Det kan søkes om inntil NOK 200.000.

-Forskningsmidler/smådriftsmidler som støtter opp mot forskningen. Det kan søkes om inntil NOK 100.000.

Please read the instructions on this [website](#) carefully.

Deadline: 18 March 2022



Akademiaavtale: As part of the Academia Agreement between Equinor and UiB, UiB has announced a call for funding for [seed money](#) in relevant strategic areas.

Application deadlines: 25 February 2022 & 15 September 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.” 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!

Application deadline: 8 March 2022



ERC Consolidator Grant: For “scientists who want to [consolidate](#) their independence by establishing a research team and continuing to develop a success career in Europe.” ([ERC funding explained](#))

Application deadline: 17 March 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



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

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



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



ERC 2023: The ERC has published tentative application deadlines for the 2023 calls on their [website](#):

- ERC-StG-2023, 25.10.2022
- ERC-SyG-2023, 08.11.2022
- ERC-CoG-2023, 02.02.2023
- ERC-AdG-2023, 23.05.2023



ERC Advanced Grant: For scientists who are “established, [leading](#) principal investigators who want long-term funding to pursue a groundbreaking, high-risk project.” ([ERC funding explained](#))

Application deadline: 28 April 2022



French Institute Nordic Award 2022: It is dedicated to Ph.D students or young researchers from a Norwegian institution who are carrying a research project related to the Ocean. The laureates will be granted a scientific mobility trip in Brest, to expand their professional network, to meet their French counterparts and to visit the leading French marine laboratories.

More information and application. Contact: science@france.no.

Application deadline: 15 March 2022



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

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.