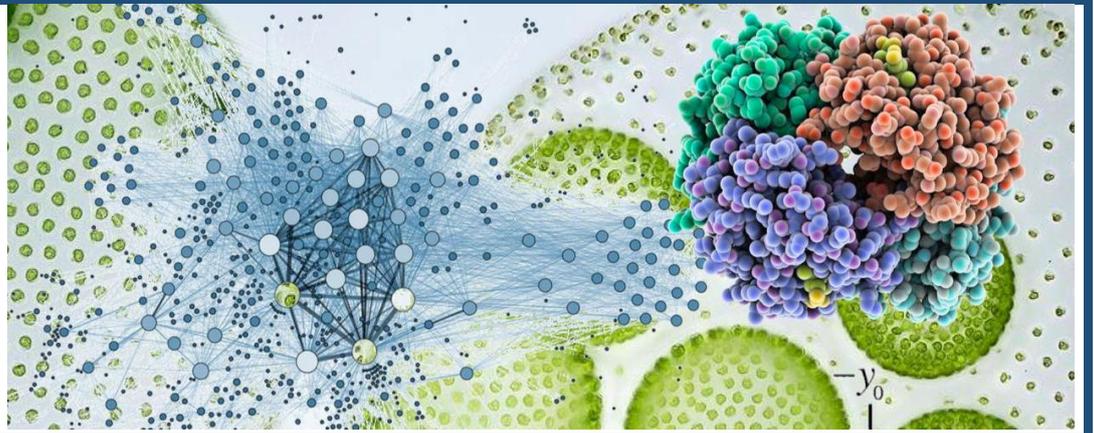


NEWSLETTER

Department of
Informatics



No. 15/2019
20th September 2019



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

Dear colleagues,

What makes a good university? The annual ranking of universities worldwide by Times Higher Education has recently been published. Our university keeps its position in Norway, as number two, behind University of Oslo. However all three top universities in Norway have moved down a few places in the ranking, where [NTNU has the most dramatic fall](#). In particular, our university has lost its ranking with a specific number among the top 200 universities; we are now in the bulk 201-250.

On the positive side, if one only considers citations of publications, then our university is the best in Norway, and it is [among the 100 best in the world](#). Our department is contributing substantially to this success. The Forskerforum magazine has recently published a [list of the 50 most publishing researchers in Norway](#) in any field. There are six researchers from UiB on that list, and I am very happy to see two of our own:

Saket Saurabh and Petr Golovach. Congratulations! And thank you. ☺



Last week I was writing about how important students and outreach activities are for the success of a university in general, and of a department in particular. Also in this respect I am very proud that our department is contributing to the success of our university in many ways. The most recent news in this direction is the appointment of famous cryptographer Professor [Anne Canteaut](#) as an [honorary doctor of the University of Bergen](#). It is a great recognition for our department that one of the ten honorary doctors is an expert in one of the core research fields of our department. It is in particular a pleasure that this distinction is awarded to a woman who is outstandingly successful in a field where women are scarce. I hope this will be an inspiration for all of our students and staff, in particular for the young women among us.



Anne will be visiting our university during the week of October 14-18. She will give a general audience lecture at VilVite on October 16, and an informatics department seminar on October 17. She will also be the guest of honor for the 2019 women's network meeting of our department in the evening of October 17. So please reserve the dates and wait for the detailed announcements. I hope that many of you would like to participate in several of the events connected to Anne's visit.

I wish you 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: [Dypt gjemt i detaljene ligger det som er styrende for aktiviteten vår - Hva gjør vi når vi frykter konsekvensene av vitenskapelige framskritt? Når det stygge egentlig peker mot noe vakkert i framtiden](#)



Welcome new colleagues!



Dimitrios Kleftogiannis

Dimitrios is a new postdoc in bioinformatics and machine learning at the CBU. The position is associated with an ERA net project on personalized medicine, financed by The Research Council of Norway. Dimitrios will have a central role in developing and applying approaches for the processing and analysis of omics data as well as machine learning within this project.

Dimitrios is Greek. He holds a PhD in Computer Science from Electrical and Mathematical Sciences and Engineering Division (CEMSE) in 2016. The PhD thesis title is "Identification of Enhancers enhancers in human: Advances in computational studies". His latest position before he joined us, was Postdoctoral Fellow affiliated with the Cancer Therapeutic and Stratified Oncology team of the Genome Institute of Singapore (GIS), within the Agency of Science Technology and Research (ASTAR).

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

Forskningsdagene (Research days) in Bergen 2019

Our PhD student Torstein Strømme is one of the finalists in **Forsker Grand Prix!!** The event takes place in the evening of Wednesday September 25 in "Mimes Brønn" at Høgskolen på Vestlandet, Campus Kronstad.

[More detailed information and tickets here.](#)

The administration (Linda and Stefanie) also has some left-over tickets. Just let us know if you are interested. We hope that as many as possible will be cheering for Torstein! Check out Torstein's contribution:



... and [the other candidates' presentations.](#)

Torstein Strømme

Institutt for Informatikk, Universitetet i Bergen

Kan algoritme redde planene dine fra å gå i vasken?

Folk legger planer hele tiden. Noen planlegger å komme i god form til sommeren, andre legger planer for å få høye pensjonsutbetalinger når de blir eldre. Men til tross for både rasjonelle planer og uendrede omstendigheter, følges ikke planene alltid opp. Slik inkonsekvant oppførsel over tid er et velkjent fenomen innen atferdsøkonomi, hvor det forklares med at vi mennesker har en bias mot nåtiden: Jo nærmere en hendelse befinner seg, jo større fremstår verdien eller kostnaden ved hendelsen.

I en matematisk modell hvor agentene har slik nærhetsbias, har man innsett at det ofte behøves ekstra spilleregler for å motivere dem til å nå sine mål enn om agentene hadde vært fullt ut rasjonelle. Slike ekstra spilleregler kan være alt fra å innføre kunstige tidsfrister til å gjøre en gate enveiskjørt.

Torstein sitt arbeid handler om hvorvidt datamaskiner kan brukes til å regne ut et sett med spilleregler som godt motiverer agentene til å nå sine mål.

Please also notice that tomorrow, Saturday September 21 between 11.00 - 16.00, our department is represented at [Forskningstorget](#) at Festplassen with two stations: one by the Algorithms group "Cops and robbers - who will win?" and one by CBU "Molecules of life".

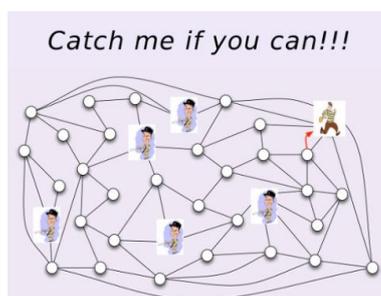


Foto: Nicolas Nisse



Spill med livets molekyler

Har du tenkt på hva som gjør akkurat deg unik? Og hvordan arvematerialet ditt er forskjellig fra alle andres? DNAet er oppskriften på hele deg og ved å finne ut hvordan ditt DNA skiller seg fra andre og hva det har å si for proteiner i celled-maskineriet, kan man se om du har arvelige sykdommer, forklare hva som skiller deg fra en sjimpanse, eller finne ut hvem du er i slekt med. Utrolig? Stikk innom Bioinformatikkstasjonen på Forskningstorget og prøv selv.

Computational Biology Unit

Congratulations Inge Jonassen - 25 years employment at the UiB and two large projects!



On the Faculty & Staff lunch last week, we celebrated Inge's 25th anniversary as an employee at the UiB.

We would also like to congratulate Inge with successful funding of a large national infrastructure project, BioMedData, from the Research Council of Norway, as well as a similar project, Coverge, from EU.

The next Faculty & Staff lunch is on Tuesday October 1 in the fourth floor lunch room!

Datablokken is 30 years old! Save the date November 29 for celebrations!



This fall, we are celebrating the 30th anniversary of the Department of informatics moving to the Datablokken of Høyteknologisenteret, which was completely new in 1989.

Save the morning of Friday November 29, between 09:00 and 13:00 for a celebration which will end with lunch. There will be special guests, old stories, new stories, long lost friends and colleagues, and many more things.

A detailed announcement will come soon.

PhD Updates

There's a new PhD in town – congratulations Marika Ivanova!



Marika successfully defended her thesis "Optimization Problems in Communication Networks and Multi-Agent Path Finding" on Friday 13 September.

[Here you can learn more about her project.](#)

Congratulations to Marika, the Optimization group and her main supervisor Dag Haugland!

Marika will start as a postdoc in the Optimization group in January 😊



Research, Science and Seminars

Course in Collegial Teaching and Learning – in STEM Education

The course [MNPED660](#) will be offered this semester. If you are interested, please ask Linda for the course schedule, which we received by email. Registration is via [this link](#).

Machine Learning Group Seminar

The machine learning group is announcing its first seminar on **Thursday, September 26th at 11.00 in Lille Auditorium**. If you would like to **register for the machine learning group seminar mailing list**, please send an email to nello.blaser@uib.no. Future machine learning seminars will be announced on the seminar mailing list and in the Newsletter from the Department of informatics.

The speaker for the first installment of our seminar is associate professor **Pekka Parviainen**.

Title: Learning Bayesian networks

Abstract: Bayesian networks are compact representations of joint probability distributions. They can be used, for example, to compute conditional probabilities of given any subset of variables or to discover knowledge about relationships between variables. Sometimes, we do not know the Bayesian network but have access from the underlying distribution. In this case, we may want to learn the Bayesian network from the data. In this talk, I will shortly review Bayesian networks and common ways to learn them from data. Then, I will give a few snapshots of research questions that we study.



Funding opportunities [Research support services](#) - [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!

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

Local funding

UiB sabbatical & travel support

The researchers' deadline to apply to the department for a sabbatical and related travel support funds (if relevant) is **1 October**. You can find more information by following [this link](#) (information is available only in Norwegian).



National funding

Research Council of Norway: FORSTERK

Supplementary Funding for [Norwegian Participants in Horizon 2020 Projects](#): Between NOK 500 000 and NOK 1 000 000 can be awarded to Norwegian actors that have a central role in an ongoing H2020 project. ERC projects can also apply. The funding can be used for different networking and outreach activities. It is important that the funding is used for independent activities which build on the results of the Horizon 2020 project, and does not serve as double financing for activities under the project. **RCN application deadline: 25 September 2019**

Research Council of Norway: Aurora and DAAD Mobility Programmes – Researcher Exchange for New Collaboration between Norway and France/Germany

The [AURORA and DAAD mobility programs](#) facilitate the collaboration between Norwegian educational and research institutions and corresponding institutions in France and Germany, respectively. Researchers from Norway who want to develop new joint research projects can apply for short-term visits in those two countries. The main aim of the programs is to strengthen European research collaboration under EU's next framework program Horizon Europe. **RCN application deadline: 25 September 2019**

UH-nett Vest: Research funds

The University and College Network for Western Norway (UH-nett Vest) is a collaborative network between the University of Bergen, the University of Stavanger, the Western Norway University of Applied Sciences, Volda University College and the University of Agder. The network has now opened a call for funds that shall strengthen the research collaboration among its partners. For more information, please follow [this link](#). **Application deadline: 15 October 2019**

International funding

Fulbright stipends for students and researchers

The Fulbright Program annually allocates funds to: (i) Norwegian [researchers](#) from all research fields; the funds are meant to help researchers teach or conduct research in the US. (ii) Norwegian [students](#); the funds are meant to help students conduct all or part of their master or PhD studies in the US. **Application deadline: 1 October 2019**

NordForsk: Nordic Programme for Interdisciplinary Research

“The aim of the Programme for Interdisciplinary Research is to promote high-quality bottom-up research that combines and integrate skills from multiple disciplines. Key assessment criteria under the programme will be excellence, interdisciplinarity, and Nordic added value. The programme is specifically aimed towards genuinely interdisciplinary projects that combine disciplines which are far removed from one another and rarely collaborate, or that pursue an original research question requiring the exact combination of competencies from different disciplines proposed in the application. [Projects awarded funding under the programme](#) are required to encompass research within at least two of the three areas of science as used by the European Research Council: Life science; Physical Sciences & Engineering; Social Sciences and Humanities.” **Application deadline: 13 November 2019**

Horizon 2020: FET Proactive: emerging paradigms and communities

“Proposals are sought for cutting-edge high-risk / high-reward research and innovation projects that aim to demonstrate a new technological paradigm within the scope of [several] sub-topics, [including] a. [Future technologies for social experience](#). This sub-topic explores new technologies for interaction that are based on new kinds of immersion for virtualised or augmented social interaction and that will lay the basis for the social media in 10-20 years from now. [...] c. [Digital twins for the life-sciences](#). The sub-topic aims at the close integration and real-time interaction of dynamical models of biological structures (from biochemical pathways to cells, tissues, organs and individuals), with imaging and sensing technologies for biological mechanisms and processes.” **Application deadline: 22 April 2020**

Vacant positions

Postdoctoral Research Fellow position in Algorithms

Closing date: 15th October. Here you will find [the announcement](#).

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

Consent for use of photos

When publishing or sharing photos or video where people are the subject, you must comply with the Personal Data Act. The person using/sharing the photos or video must be able to document that consent has been provided. Consent must be voluntary, unambiguous and informed. Please find detailed information and instructions of how to proceed [here](#).

For questions related to GDPR and consent, contact [UiB's privacy ombud](#) E-mail: personvernombud@uib.no

For other questions - contact the [Communications Department](#) E-mail: post@ka.uib.no

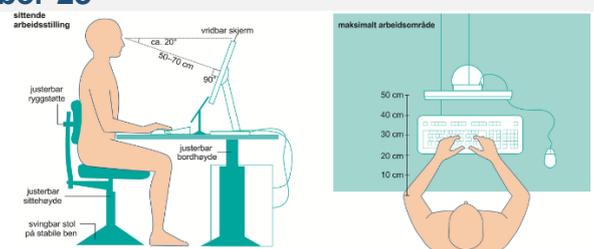
Fire Safety course

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. Please notice that this fall there will be one course in English intended for non-Norwegian speaking staff: Thursday December 5th - 09:00-11:00. [Follow this link to sign up](#). For «Fakturadresse» use this code: 121200

Ergonomic assessment of office work place September 23rd

UiB's physiotherapist will visit us on Monday 23 September at 12:30-15:00. Her mission is to help us with ergonomic assessment of our new employees' office workplaces.

If you are not among the new employees since February 2019, but still want us to visit you for an ergonomic assessment of your office workplace – please sign up by sending an email to [Linda Vagtskjold](#).



Report it – so that safety and security can be improved!



REPORT IT

Report any undesirable incidents (deviations). Your place of study or work needs to know what is going on. This is necessary to ensure that undesirable incidents are followed up and safety and security improved.

Examples of incidents that must be reported:

- Personal injuries (accidents and near-accidents)
- Bullying, sexual harassment, threatening situations and criminal offences such as violence, theft, robbery etc.
- Computer fraud and sensitive information in the wrong hands
- Failure or deficiencies in safety and security procedures or technical security measures
- Violation of laws, regulations and internal procedures

Check where you can report undesirable incidents (deviations) at your place of study or work.

■ READ MORE

- Website for those who have experienced internet defamation (slettmeg.no) (NO)

[Here you will find the UiB system for reporting of deviations.](#)

Important: we belong to the 4th floor kitchen!!



Please bring back these cups to the kitchen in 4th floor.

These cups were bought of environmental reasons to avoid using disposable cups for meetings and events.

Ingrid says: You have to say it much harder! So, I'll try again:
BRING BACK THE CUPS – NOW AND FOREVER! 😊

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.





Det gode arbeidsmiljø

Arbeidsliv i endring – hva med arbeidsmiljøet?

Frokostseminar 25.september

Ledelse – medarbeider - endring

Hvordan tar vi vare på arbeidsmiljøet i et mer effektivt, fleksibelt og digitalt arbeidsliv? Et godt arbeidsmiljø kjennetegnes av god ledelse, medvirkning fra ansatte og tydelige organisatoriske rammer. Kompetanse, mestring og anerkjennelse gir både trygghet og trivsel.

Vernetjenesten ved UiB ønsker å skape en arena ved UiB der vi kan ta opp betydningen av arbeidsmiljø. Vi vil invitere til frokostseminarer for å snakke om arbeidsliv og arbeidsmiljø under endring og omstilling. Målgruppen er alle ansatte og ledere. Samlingene vil bli holdt ulike steder på campus.

Det femte frokostseminaret arrangeres onsdag 25.september kl. 0830-1000 i Aud A Sydneshaugen skole. Dørene åpner kl. 0800 med enkel servering fra kl. 0815.

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

0840 Helhetlig arbeidsgiverpolitikk ved Sonja Dyrkorn, HR direktør UiB

0900 Gir tydelig og felles praksis oss bedre arbeidsmiljø? ved Elisabeth Muller Lysebo, fakultetsdirektør Det matematisk-naturvitenskapelige fakultet

0915 God onboarding og erfaringer med helhetlig arbeidsgiverpolitikk ved Heidi Anette Espedal, fakultetsdirektør Det medisinske fakultet

0930 Dialog og diskusjon, innspill til senere frokostseminar

Påmelding innen mandag 23.september på denne lenken her

<https://skjemaker.app.uib.no/view.php?id=6827493>

Velkommen!

Bergen Cathedral Choir - 10th anniversary concert

Opening concert of the [Bergen Festival for Church Music and Art](#)
Wednesday, 25 September, 19.30 h. Bergen Cathedral.

The Bergen Cathedral Choir was founded in September 2009 and this year's anniversary is celebrated throughout the season with concerts, a festival, Sunday services and a recording.

The choir's repertoire list counts more than 200 items, spanning from church music of the Middle Ages to contemporary commissioned pieces. This concert features Requiem by Alfred Schnittke, the very work we started with in the autumn of 2009, a dramatic piece for choir, organ, brass players, electric guitar, bass guitar and percussion. The choir is joined by earlier members in the same composer's «Concert for Choir», a magnificent a cappella work in the tradition of Russian Orthodox church music, in many ways reminiscent of Rakhmaninov's Verspers.

Alfred Schnittke:

- Requiem
- Konzert für Chor, I, II, IV

Bergen Cathedral Choir
Kjetil Almanning, conductor

Tickets: regular: 200, students/seniour citizens: 150. Special offer to all UiB employees: 150,-. Use the code «schnittkevenn» at [Ticket.co](#).



SKIPET DE ZEE PLOEG

Det er kun få forestillinger igjen av det historiske dramaet om [Skipet de Zee Ploeg](#) på DNS. Lørdag 28.september er siste spilledato og da er det reservert billetter til UiB velferd. I tillegg får UiB-ansatte rabatterte billetter til fredag 27.september.

Lørdag 28. september, Store Scene kl 18.00.

Billettpris: **kun kr 240,-** (ord.pris 450).

Bestillingsfrist: 12.september

[Kjøp billetter via denne lenken](#)

Fredag 27. september, Store Scene kl 20.00.

Billettpris: **kun kr 240,-** (ord.pris 450).

Bestillingsfrist: 27.september.

Kjøp billetter på [dns.no](#) og bruk rabattkode. Rabattkoden legges inn ved betaling (i handlekurven).

Rabattkode: SKIPETUIB (klikk på ->aktiver)





WENDY & PETER PAN

Et magisk eventyr med spenning, humor og stjernestøv.

Familieforestilling: La barna bli med i eventyret når Wendy og hennes yngre brødre flyr over nattehimmelen sammen med Peter Pan! De møter blodtørstige pirater, frodige feer, en glupsk krokodille og skumle Kaptein Krok!
Alder: fra 6 år

UIB-pris kun 150,- (ord 220/290,-)

Lørdag 19.oktober kl 16.30. Store Scene

[Klikk her for å bestille billetter til 19.oktober](#)

[Klikk her for å lese mer om Wendy & Peter Pan og de medvirkende](#)

Fredag 25.oktober kl 16.30. Store Scene

[Klikk her for å bestille billetter til 25.oktober](#)

eller ring oss 55 60 70 80 innen 5.oktober

Alder: fra 6 år



REGN

En fortelling om livet og søskenkjærlighet når ulykken inntreffer.

Drama: Kom og opplev den varme oppvekstskildringen fra 50-tallets Bergen.

En vakker fortelling om kjærligheten mellom to brødre, om sorg, vennskap og trøst når ulykken inntreffer.

Regn er en gjenkjennelig og stemningsfull forestilling om det å vokse opp.

Basert på Stig Holmås sin roman Regn.

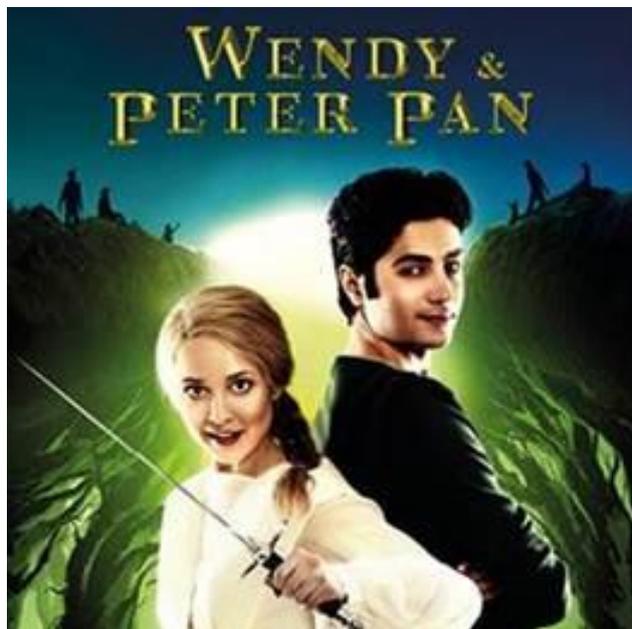
UIB-pris kun 240,- (ord 390,-)

Torsdag 3.oktober kl 19.30. Teaterkjelleren

[Klikk her for å bestille billetter til spesialprisen](#) (ctrl+klikk)

eller ring oss 55 60 70 80 senest innen 20.september!

[Klikk her for å lese mer om Regn og de medvirkende](#)



Å BERGEN BERGEN

En musikalsk hyllest til byen og alle de som befinner seg mellom de syv fjell.

Musikkteater: En festforestilling med nye hits og gamle slagere, hvor frodige karakterer og gjenkjennelige episoder bindes sammen på finurlig vis og gir oss skråblikk på byen vi bor i.

Kom og møt buekorpsgutten, brannsupporteren, hip hop-dronningen m.fl

i en helt ny teaterkonsert, med og for bergensere i alle fasonger.

UIB-pris kun 290,-(ord 480,-)

Fredag 15.november kl 20.00. Store Scene

[Klikk her for å bestille billetter til 15.november](#)

eller ring oss 55 60 70 80 innen 1.november.

[Klikk her for å lese mer om Å Bergen Bergen og de medvirkende](#)

PEER GYNT DUB

Peer Gynt DUB – en tankevekkende bearbeidelse av Ibsens mesterverk signert den prisbelønte Tore Vagn Lid.

Gjennom en miks av skuespill, hørespill og konsert aktualiseres tema i «Peer Gynt» som går rett til kjernen i menneskesinnet og samfunnsstrukturer.

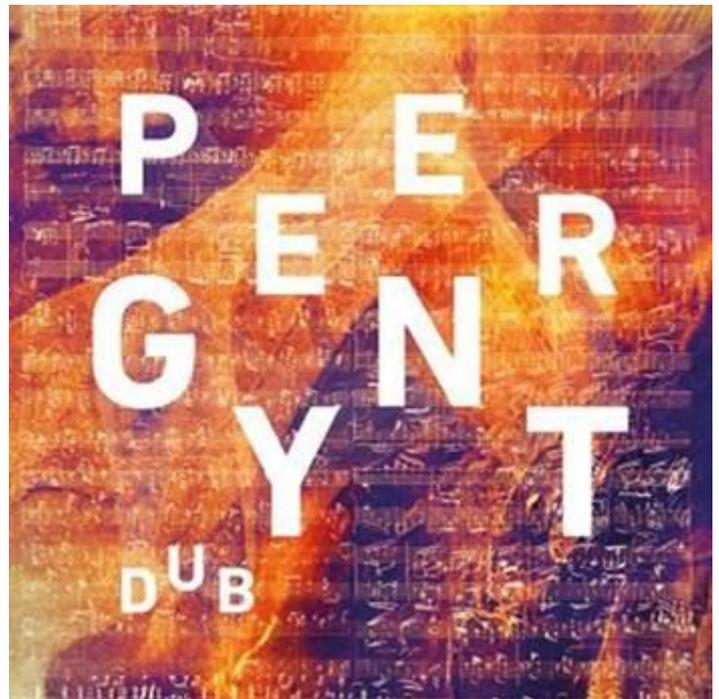
Det blir en tankevekkende, musikalsk og visuell teateropplevelse som i tillegg til å følge Peer Gynts livsreise,

løfter frem nye sider ved det verdensberømte verket og rører ved spørsmål som treffer rett inn i våre liv og vår samtid.

UIB-pris kun 240,- (ord 390,-)

Torsdag 28.november kl 19.30. Teaterkjelleren
[Klikk her for å bestille billetter til 28.november](#)
eller ring oss 55 60 70 80 innen 15.november!

[Klikk her for å lese mer om Peer Gynt og de medvirkende](#)



Film og debatt om CRISPR i Aulaen 26. september kl. 16.30 – gratisforestilling!

BIFF 20TH

**BERGEN INTERNATIONAL FILM FESTIVAL
SEPT 25TH - OCT 3RD 2019**

BIFF arrangeres i år for 20. gang. En av filmene vi ser spesielt frem til er denne:

[HUMAN NATURE](#) - omhandler CRISPR

Gratisforestilling i Universitetsaulaen torsdag 26.09 kl. 16.30 med påfølgende paneldebatt.

Hordaland teater: «Raskolnikov»

Hordaland Teater har gleda av å tilby tilsette ved UiB rabatterte billetter til «Raskolnikov», basert på romanen «Brottsverk og straff» av Fjodor Dostojevskij



Velkommen til ei heilt unik teateroppleveling på Hordaland Teater i Logen. I denne framsyninga følger vi Raskolnikov si ville flukt frå eigne handlingar på ein særskilt og intens måte. Handlinga utspelar seg i alle krikar og krokar på og rundt teateret. Vi kjem heilt tett på skodespelarane gjennom eit live-kamera som følgjer deira gjennomleving av Raskolnikov sitt brottsverk medan vi opplever det direkte overført til stort lerret. Gjennom godt og vel fire timar vert vi omslutta av oppslukande handling og eit hus som pulserer av spaning og aktivitet. Regissør Kjersti Horn har tidlegare iscenesett klassiske stykke med ein heilt særeigen vri. Mykje tyder på at dette blir ein Raskolnikov du ikkje har sett før.

Framsyninga er eit samarbeid med Det Norske Teatret.

Dramatisering: Tormod Skagestad

Regi: Kjersti Horn

Scenograf og kostymedesignar: Sven Haraldsson

Lyddesignar: Erik Hedin

Dramaturg: Ingrid Weme Nilsen

Videoregi: Mads Sjøgård Pettersen

Med: Preben Hodneland, Frode Winther, Anna Ladegaard, Kaia Varjord, Emil Johnsen, Nina Woxholt og Svein Roger Karlsen.

Ordinær billettpris: Kr. 350. Tilbod til UiB: Kr. 250. Billetter kan du kjøpe her:

25 sep kl. 18.00: <https://hordalandteater.eventim-billetter.no/webshop/webticket/shop?event=285&kassierer=webgrupe>

28 sep kl. 18.00 <https://hordalandteater.eventim-billetter.no/webshop/webticket/shop?event=288&kassierer=webgrupe>



Du kan også sende epost til publikum@hordalandteater.no