



INFOMAT

APRIL 2024

PROGRAM FOR ABELUKA 2024



- 20. mai kl. 17-18:** Kransenedleggelse ved Abelmonumentet, Slottsparken
- 21. mai kl. 14-15:** Abelprisutdeling, Universitetets aula
- 22. mai kl. 10-16:** Abeforelesningene, Georg Sverdrups hus, UiO
- 23. mai kl. 11-12:** Utdelingen av Holmboeprisen, Oslo Katedralskole

INFOMAT kommer ut med 11 nummer i året og gis ut av Norsk Matematisk Forening. Deadline for neste utgave er alltid den 15. i neste måned. Stoff til INFOMAT sendes til

arnebs at math.uio.no

Foreningen har hjemmeside <http://www.matematikkforeningen.no/>
Ansvarlig redaktør er Arne B. Sletsjøe, Universitetet i Oslo

Matematisk kalender

2024

Mai:

21. ABELPRISUTDELING, Oslo

22. ABELFORELESNINGENE, Oslo

<abelprisen.no>

27.-30. ASGARD Math 2024, Oslo

<<https://www.mn.uio.no/math/english/research/groups/algebra/events/conferences/ASGARD2024/index.html>>

29.-31. N³ Days 2024, Tromsø

<n3days.puremath.no>

Juni:

10.-14. EQUADIFF 2024, Karlstad, Sverige

<<https://www.kau.se/equadiff>>

17.-21. Sommerskole, Nordfjordeid

<sites.google.com/view/lietheory2024/home>

26.-29. The 10th International Conference on Mathematical Methods for Curves and Surfaces (MMCS10), Oslo

<www.mn.uio.no/math/english/research/groups/cm/events/conferences/tenth-curves-and-surfaces/>

Juli:

26.-29. ECM2024, Sevilla

<www.ecm2024sevilla.com>

September:

12.-13. NASJONALT MATEMATIKERMØTE 2024, Oslo

<www.uio.no/nmm24>

Arrangementer

ASGARD Math 2024

will take place in Oslo, May 27-30 2024

The ASGARD Math meetings are yearly meetings aimed at bringing together mathematicians interested in algebraic geometry, commutative algebra, discrete mathematics, and related fields.

The event will consist of two mini-courses with exercise sessions, as well as talks contributed by participants. Students and young researchers are particularly encouraged to participate.



N³ Days 2024

Welcome to the **XX N³ Days 2024**, the next meeting of the Nordic Number theory Network N³!

The meeting will take place in the city of Tromsø, Norway on May 29-31, 2024, and is organized in partnership with the Lie-Størmer Center, in Tromsø.

Summer School: Combinatorial Hopf algebras and modern Lie theory with applications

will take place in Nordfjordeid, Norway June 17 - 21, 2024. More information about the summer school may be found here:

<https://sites.google.com/view/lietheory2024/home>

The 10th International Conference on Mathematical Methods for Curves and Surfaces (MMCS10)

will take place in Oslo, Norway June 26 - June 29, 2024. The conference is part of a joint French-Norwegian conference series on curves and surfaces. Further details will follow soon.



ECM2024

The 9th European Congress of Mathematics will be held 15-19 July 2024 in Sevilla (Spain). The call for satellite conference proposals is open until the end of July 2023.

NASJONALT MATEMATIKERMØTE Oslo 12.-13. september 2024

Nasjonalt matematikermøte (NMM) 2024, går av stabelen på Soria Moria i Oslo 12.-13. september 2024. Dere finner informasjon med muligheter for påmelding på nettsiden www.uio.no/nmm24 I forbindelse med påmeldingen opererer vi med «førstemann til mølla»-prinsippet.

Nye doktorgråder

Viktor Balch Barth ved UiO forsvarte 11. april 2024 sin avhandling *Endomorphisms of \mathbb{P}^1 and \mathbb{A}^n . Motivic homotopy classes and open images* for graden PhD.

Veiledere har vært Trung Tuyen Troung, Erlend Fornæss Wold og Paul Arne Østvær, alle UiO.

Rather than studying an object in isolation, a lot of insight can be gained by studying how it relates to other objects, and even how it relates to itself. This general principle of studying relations instead of objects is very useful in mathematics.

My research focuses on two algebro-geometric objects called affine space and the projective line, which you may picture as a flat plane and as a circle. I have studied how they relate to themselves, in the sense that I have studied the algebraic functions from these objects to themselves.

Are there functions from affine space to affine space that hit everything except for some specified point or curve? Needing only a weak condition on the dimensions, we have shown that this question has a positive answer.

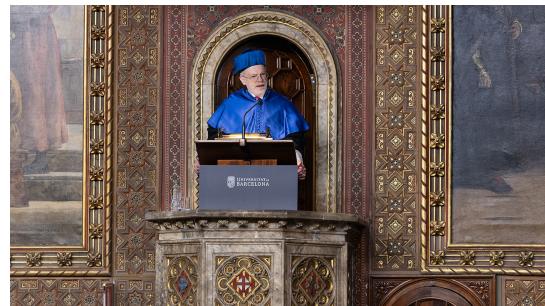
There are infinitely many functions from a circle to itself, but luckily we can sort them all into homotopy classes. Interestingly, these homotopy classes can be added and subtracted just like numbers. We have constructed a geometric model which makes the addition and subtraction of motivic homotopy classes of endomorphisms of the projective line more geometrically explicit.

Nyheter

KRISTIAN SEIP, NTNU, UTNEVNT TIL ÅRES- DOKTOR I BARCELONA

Hoy, la Universidad de Barcelona ha investido al profesor de la Universidad de Ciencias y Tecnología de Noruega en Trondheim (NTNU) Kristian Seip como doctor honoris causa, en un acto que ha tenido lugar en el Paraninfo y que ha presidido el rector, Joan Guàrdia.

El padrino ha sido el catedrático Joaquim Ortega-Cerdá, de la Facultad de Matemáticas e Informática y miembro del Instituto de Matemática de la UB (IMUB).



Dear colleagues

The Program Committee (PC) for the International Congress of Mathematicians 2026 in Philadelphia, USA, 23–30 July 2026, has been established. At this moment in time the Adhering Organizations of the IMU and mathematical societies worldwide are invited to nominate plenary and sectional speakers.

I refer to section 4 of the 2023 report of the ICM Structure Committee, which lists the ICM 2026 sections as proposed by the ICM Structure Committee and endorsed by the IMU Executive Committee (see CL 8/2023). When you make nominations for speakers, please specify whether you suggest them as plenary speakers or sectional speakers. In case of proposals of sectional speakers, please indicate to which sections you would like the persons to be invited. Shared lectures between sections are also possible.

As a reminder, the IMU Executive Committee also endorsed the proposal to leave 20 sectional talks, and one or two plenary talks, to be assigned to special lectures (described in section 3.3 of the report). Nominations for these talks are also invited.

All communication concerning the scientific program of ICM 2026 is handled by the Chair of the Program Committee, Claire Voisin. Please direct all your proposals for invited plenary and sectional speakers to Claire Voisin using the email address

[<chair@pc26.mathunion.org>](mailto:chair@pc26.mathunion.org).

Nominations should be received by the PC Chair no later than **1 November 2024**.

Regards
Christoph Sorger
Secretary General of the International Mathematical Union

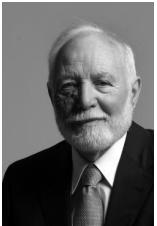
ABELPRISVINNERE, 2003-2024



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2004



2004



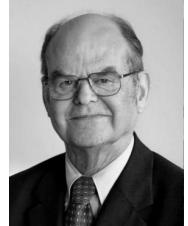
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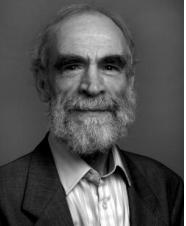
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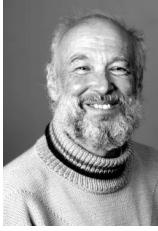
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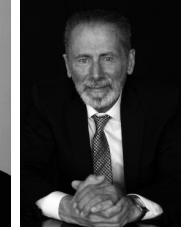
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2015



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2020



2021



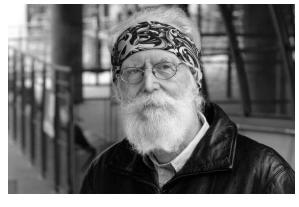
2021



2022



2023



2024