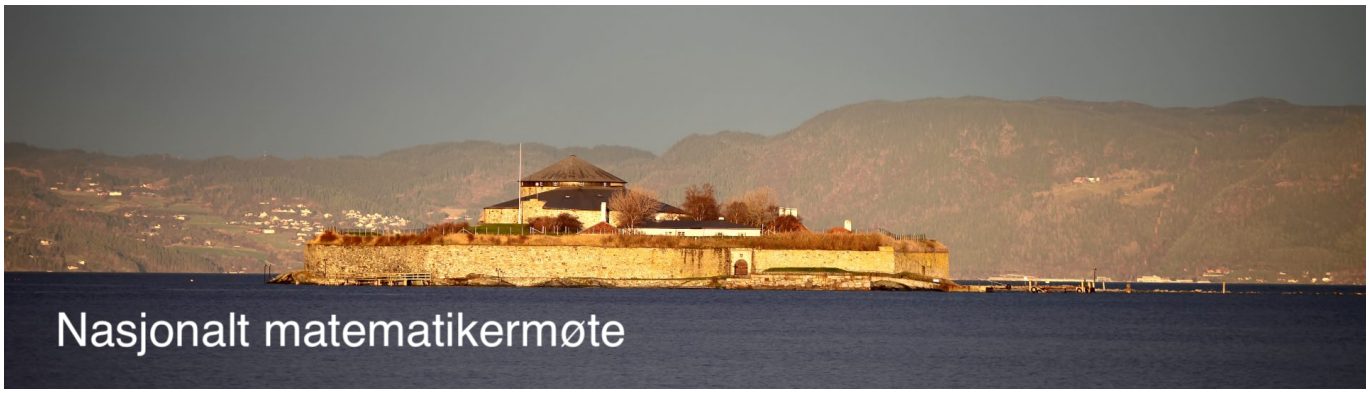
INFOMAT

NOVEMBER 2025

Sett av datoen allerede nå:



9.-11. september 2026

Trondheim

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

2025

Desember:

8.-10. QOMBINE workshop on Quantum Information and Operator Systems

<https://www.mn.uio.no/math/english/research/projects/qombine/events/conferences/workshop-dec2025/>

2026

Juni:

15.-19. Midnight Sun Summit in Mathematics and Engineering

<https://uit.no/tavla/artikkel/881164/midnight_sun_summit_in_mathematics_and_engineering_and_engineering>

September:

9.-11. Nasjonalt matematikermøte

<https://www.ntnu.no/imf/nmm2026>

Arrangementer

QOMBINE workshop on Quantum Information and Operator Systems Oslo, 8.-10. desember 2025

The recent interaction between quantum information and matricially normed spaces, in particular operator systems, brought several interesting developments in the theory: a new understanding of entanglement through the geometry of such spaces; and quantum magic squares as an interesting source of examples in noncommutative convexity theory. In a related development on the theory of operator algebraic approach to nonlocal games, the algebraic structures behind the projection-valued measures from graph isomorphism problems led to an interesting class of nonlocal games. We expect these interactions to bring forth further developments in quantum information and operator algebras. In order to stimulate further progress and to educate the next generation of researchers, we bring leading experts together in a focused 3-day workshop.

Confirmes speakers:
Francisco Gutiérrez, Jonas Eidesen, Francesca La Piana, Alexander Müller-Hermes, Tim Netzer, Lyudmila Turowska
(we plan to add several speakers)

Organizers:
Are Austad, Francesca La Piana and Makoto Yamashita

Midnight Sun Summit in Mathematics and Engineering, Narvik, 15.-19. juni 2026

Registration is now open for the Midnight Sun Summit in Mathematics and Engineering. The summit aims to bring together international experts and young researchers to explore current developments and emerging challenges at the interface of mathematics and engineering, and to foster interdisciplinary exchange and collaboration.

The program features plenary lectures by:
S. Bhalla (IIT Delhi), B. Birnir (UCSB), R. Brincker (Brincker Monitoring ApS), A. Buffa (EPFL), H. G. Feichtinger (Vienna), B. Kaltenbacher (Klagenfurt), J.-B. Lasserre (LAAS-CNRS), P.-L. Lions (École Polytechnique & Collège de France), H. Munthe-Kaas (UiT Tromsø & Bergen), A. Piatnitski (UiT Narvik), L. Pick (Charles University), N. Samko (UiT Narvik), W. Schilders (TU Eindhoven), and A.-K. Tornberg (KTH).

Invited and contributed sessions will span mathematical modelling, scientific computing, statistics, homogenization, optimization and systems theory, smart materials, structural health monitoring, energy systems, industrial applications, sustainable urbanism, and AI/ML in engineering.

Deadlines:
- Abstract submission: 26 January 2026
- Early-bird registration (4 kNOK): 13 April 2026
- Regular registration (5 kNOK): 5 June 2026

Organizers: Rune Dalmo, Lars-Erik Persson, Cordian Riener, Rodolfo Rios-Zertuche, and Harpal Singh.

Further information and registration: mssme.no
Contact: mssme2026@uit.no

Nasjonalt matematikermøte 2026
Trondheim, 9.-11. september 2026

Nasjonalt matematikermøte arrangeres i Trondheim 9.-11. september, 2026. Møtet er sponset av Trond Mohn Stiftelse (TMS) og Tromsø Forskningsstiftelse (TFS).

Organisasjonskomiteen ønsker alle som er tilknyttet et norsk universitet eller høyskole velkomne til møtet. Den 9. september arrangeres en PhD/Postdoc-dag, og selve møtet arrangeres 10.-11. september. For mer informasjon, inkludert påmelding, viser vi til vår hjemmeside: https://www.ntnu.no/imf/nmm2026

Hotellopphold med frokost blir dekket for tilreisende. Vi har også mulighet til å dekke reiseutgifter. Lunsj og konferansemiddag er åpen for alle deltakere.

For spørsmål, tilbakemeldinger eller kommentarer: nmm2026@math.ntnu.no

Mvh. Organisasjonskomiteen NMM2026

Nye doktorgrader

Jacob Fjeld Grevstad ved NTNU forsvarte 11. november 2025 sin avhandling *Extensions of Representation Theory: Categorical, Combinatorial and Derived Perspectives* for graden PhD.

Veiledere har vært Professor Øyvind Solberg (hoved-) og Professor Aslak Bakke Buan (med-), begge NTNU.

Kunngjøringer

Nominasjoner av kandidater til: 13th Heidelberg Laureate Forum, September 13-18, 2026

The application phase runs until February 11, 2026, 11:59 p.m. Berlin Time. The deadline to submit nominations is February 2, 2026, 11:59 p.m. Please Note: The nomination deadline is earlier than the application deadline to ensure that nominees have time to complete their application after being nominated. We suggest nominators start the nomination process as early as possible.

The 13th Heidelberg Laureate Forum will take place in Heidelberg, Germany between 13-18 September 2026.

At the HLF, all winners of the Fields Medal, the Abel Prize, the ACM A.M. Turing Award, the Nevanlinna Prize/IMU Abacus Medal, and the ACM Prize in Computing are invited to attend. In addition, young and talented computer scientists and mathematicians are invited to apply for participation. The previous HLFs have been an exceptional success. The HLF serves as a great platform for interaction in the fields of mathematics and computer science.

Over the course of the week-long conference, young researchers will be given the possibility to connect with their scientific role models and find out how the laureates made it to the top of their fields.

Applications for participation at the 13th HLF are now open in three categories: Undergraduate/Pre-Master, Graduate PhD, and PostDocs.

The deadline for application is 11 February 2026, 11:59 p.m. Berlin time (CET/UTC+1).

The IMU Adhering Organizations and national mathematical societies can also nominate young researchers. Nominated persons get «priority treatment», but, since there may be too many nominations, they have no acceptance guarantee.

Nominators need to register via the link *https://application.heidelberg-laureate-forum.org*, click on «Register as Nominator» and enter the organization code IMU3791 when registering.

The deadline to submit nominations is

2 February 2026, 11:59 p.m. Berlin Time

Please note that all previous login information and nominator accounts were deleted in accordance with German data protection regulations.

All applications are reviewed by an international committee of experts to ensure that only the most qualified candidates are invited. There are about 100 spaces available for each discipline of mathematics and computer science. All applicants will be notified by the end of April 2026 whether or not they are invited.

The IMU asks its Adhering Organizations to share this information, along with the code above, with their national mathematical communities. However, please do not post the code publicly online.

LIE-STØRMER CENTER

Call for Applications: PhD School Mathematics of Computation – Mathesis

We invite for applications to the new PhD School Mathesis, dedicated to strengthening research training in the mathematical foundations of computation. The school is hosted by the Lie-Størmer Center and organized in collaboration between UiB, UiO, UiS, NTNU, SINTEF, and SIMULA in collaboration with Equinor. The school will offer PhD courses, an annual Summer School, and Mathesis Meets Industry days connecting young researchers with partners from applied science and technology.

PhD students admitted to Mathesis will receive priority access to all school activities, including guaranteed registration and financial support for participation in Mathesis events. Members may also apply for funding to support other relevant research activities.

Applications should include:
- a brief motivation letter, and
- a letter of support from the PhD supervisor.

Please submit your application by 1 December to mathesis@lie-stoermer.no

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ICM 2026

Registration is now open for the International Congress of Mathematicians 2026, to be held in Philadelphia (Pennsylvania, USA), from 23 to 30 July 2026. Register by May 11, 2026.

Visit the ICM 2026 website

<www.icm2026.org>

for more information.