



INFOMAT

Desember 2011

Kjære leser!

Norsk matematisk forening inviterer igjen til Ski og Matematikk på Rondablikk Høyfjellshotell. Dette er en tradisjonsrik samling for medlemmer i foreningen og en fin mulighet til å kombinere matematikk, sportslige aktiviteter og sosialt samvær.

hilsen Arne B.

«Foreningens formaal er at fremme studiet av de matematiske videnskaber ved at samle norske matematikinteresserte.»

NMF



Norsk matematisk forening inviterer igjen til

SKI OG MATEMATIKK 2012

Ski og Matematikk arrangeres i tidsrommet torsdag 5. januar til søndag 8. januar 2012 på Rondablikk Høyfjellshotell. For påmelding, gå til hjemmesiden:

<http://matematikkforeningen.no/ski/2012/>



INFOMAT kommer ut med 11 nummer i året og gis ut av Norsk Matematisk Forening. Deadline for neste utgave er alltid den 10. i neste måned. Stoff til INFOMAT sendes til

infomat at math.ntnu.no

Foreningen har hjemmeside <http://www.matematikkforeningen.no/INFOMAT>

Ansvarlig redaktør er Arne B. Sletsjøe, Universitetet i Oslo.

ARRANGEMENTER

Matematisk kalender

2011:

Desember:

5.-6. *Norsk Topologi Møte 2011*, Trondheim

2012:

Januar:

5.-8. *Ski og Matematikk*, Rondablikk

Juli:

2.-7. *6ECM*, Krakow, Polen

August:

21.-24. Abelsymposiet: *Operator Related Function Theory and Time-Frequency Analysis*, Oslo

Arrangementer

NORWEGIAN TOPOLOGY

MEETING 2011,

Trondheim, 5.-6. desember 2011

Foredrag ved: Bjørn Jahren, Ib madsen, Andrew Stacey, Lars Sydnes, Bjørn Dundas, John Rognes, Tore Kro, Richrad Williamson, Øyvind Indrebø,, Torleif Veen.

og en uformell diskusjon om: "Topology in the future"



SKI OG MATEMATIKK 2012

Rondablikk, 5.-8. januar 2012

Norsk matematisk forening arrangerer det årlige faglig-sportslige tiltaket, Ski og Matematikk på Rondablikk Høyfjellshotell.

<http://matematikkforeningen.no/ski/2012/>

Nye doktorgrader

M.Sc. **Alexander Lundervold** ved UiB forsvarte 4. november 2011 sin avhandling for graden PhD: *Lie-Butcher Series and Geometric Numerical Integration on Manifolds*. Veiledere har vært Hans Munthe-Kaas og Kuruch Ebrahimi-Farad.

MSc **Bawfeh Kingsley Kometa** ved NTNU forsvarte 8. november 2011 sin avhandling for graden PhD: *Semi-Lagrangian methods and new time-integration schemes for convection dominated problems*. Hovedveileder har vært professor Elena Celledoni.

Ledig stilling

STIPENDIATSTILLING VED UIA

I would like to invite potential applicants for this research position which includes the participation in a very interesting Comparative Study among Finland, (Ole Björkqvist), Norway (myself), Sweden (Roger Säljö) and California (Jim Stigler). The focus is on the analysis of lessons in the introduction of algebra (6., 7., or 8. classes) according to the curriculum of every country. And, as a second part of the project, working with the teachers involved in the project.

Please, extend this invitation to colleagues which would be interested in participating of this Project: "Hidden dimensions of teaching/learning in mathematics: The contribution of video studies to comparative analysis and the development of instruction (VIDEOMAT)".

Here is the link to the announcement.

<http://uia.easycruit.com/vacancy/608308/35071?iso=gb>

Closing date: 5 December 2011.

With all my best regards

Maria Luiza Cestari

NYHETER

NORSK REGNESENTRALS PRIS TIL KRISTIAN JOHNSON MOI

NR-pris for beste masteroppgave ved Institutt for informatikk og Matematisk institutt ved UiO er i år tildelt: **Kristian Johnson Moi**. Oppgaven hans har tittel *Hermitian K-theory of the Gaussian 2-integers*, og kandidatsens veileder er Paul Arne Østvær.



I sin begrunnelse for tildelingen til Moi skriver priskomiteen følgende: Moi gir i oppgaven en komplett utregning av de hermitiske K-gruppene til Gaussiske 2-heltall og i tillegg en geometrisk/topologisk modell for det hermitiske K-teorirommet til dette tallsystemet. Det kreves en omfattende bakgrunn innenfor forskjellige deler av matematikken for å kunne bevise et slikt resultat.

De siterer videre sensor Christian Schlichtkrulls kommentar til oppgaven: “Tesen til Kristian Moi er på et høyt matematisk nivå innen for et aktivt forskningsfelt. Tesen inneholder nye resultat som i en bearbeidet form kan publiseres. Jeg mener ikke å ha sett en bedre tese.”

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Fra IMUs sekretariat: BLOG ON MATHEMATICAL JOURNALS



In implementation of Resolution 18 adopted by the IMU General Assembly in 2010: “The General Assembly of the IMU asks the EC to create, in cooperation with ICIAM, a Working Group that is charged with considering whether or not a joint ICIAM/IMU method of ranking mathematical journals should be instituted, and what other possible options there may be for protecting against the inappropriate use of impact factors and similar manipulable indices for

evaluating research.”

The IMU and the ICIAM have created a joint working group to study the issue. The working group which was composed of N. Joshi, D. N. Arnold, C. Hutchins, J. D. S. Jones, M. MacCallum, P. Michor, S. Mueller, and T. Tang has finished its work and come up with a report that is attached to this circular letter and can be found on IMU’s Web page at the following URL:

<http://www.mathunion.org/publications/reports-recommendations>.

The working group examined the issue of why a rating of mathematical journals is desirable and submitted a detailed proposal for IMU/ICIAM journal rating. Before going ahead and taking any further action the IMU and ICIAM want to explore opinions on a larger scale and get as much input as possible from the mathematical community. That is why a “Blog on Mathematical Journals” (URL: <http://www.mathunion.org/journals>) has been installed. The blog is moderated by a group of 6 persons (D. Arnold, C. Hutchins, N. Joshi, P. Olver (chair), F. Planchon, cT. Tang). Everyone interested can submit his/her opinion through posting an article (e-mail to: journal.blog@mathunion.org) and/or forwarding a comment (add a comment to a posted article by typing in the “comments” window or sending e-mail to journal.blog@mathunion.org).

Please go the mathematical journals blog and join the discussion of the issue.

IMU and ICIAM particularly ask you to spread the information about the report and blog on mathematical journals widely in your community. Input from a wide range of persons is necessary to discuss this important issue and prepare for the final decision process.

Martin Groetschel
IMU Secretary



6th European Congress of Mathematics

Kraków, July 2-7, 2012

Short information

The European Mathematical Society (EMS), the Polish Mathematical Society (PTM) and the Jagiellonian University (UJ) have a great pleasure to invite mathematicians from all over the world to attend the 6th European Congress of Mathematics (6ECM) which will be held in Kraków, July 2-7, 2012. Here we present more information about the 6ECM.

The 6ECM provides an excellent opportunity to obtain information about the current state of mathematics from experts. Such an overview of contemporary mathematics is particularly important for young researchers looking for new research horizons. There will be **grants** to support the participation of young mathematicians in the 6ECM.

The Programme Committee, which was appointed by the EMS, nominated the following speakers at 6ECM. **Plenary speakers:** Adrian Constantin, Camillo De Lellis, Herbert Edelsbrunner, Mikhail L. Gromov, Christopher Hacon, David Kazhdan, Tomasz Łuczak, Sylvia Serfaty, Saharon Shelah, Michel Talagrand. **Invited speakers:** Anton Alekseev, Kari Astala, Jean Bertoin, Serge Cantat, Vicent Caselles, Alessandra Celletti, Pierre Colmez, Alessio Corti, Amadeu Delshams, Hélène Esnault, Alexandr A. Gaifullin, Isabelle Gallagher, Olle Häggström, Martin Hairer, Nicholas J. Higham, Arieh Iserles, Alexander S. Kechris, Bernhard Keller, Sławomir Kołodziej, Gady Kozma, Frank Merle, Andrey E. Mironov, David Nualart, Alexander Olevskii, Hans G. Othmer, Leonid Parnowski, Florian Pop, Igor Rodnianski, Zeev Rudnick, Benjamin Schlein, Andrew Stuart, Vladimír Šveřák, Piotr Śniady, Stevo Todorčević.

During the Congress prestigious **prizes** will be awarded: EMS prizes for young mathematicians, the Felix Klein Prize in the application of mathematics and the Otto Neugebauer Prize in the History of Mathematics. **Everyone may submit candidates for the prizes.**

All participants have the opportunity to create part of the scientific program of the Congress, by organizing **mini-symposium** or presenting a **poster**.

Besides the strictly scientific program, we expect several **round table discussions** that may cover a wide range of topics of general interest such as the financing of mathematical research in Europe, the strategy of the EMS, mathematical education, mathematics and emerging economies. **Everyone is invited to submit a proposal for the round-table discussion.**

We invite you to combine your participation in the 6ECM with attending more specialized **satellite meetings**, which will be organized in close time proximity to the 6ECM. We also encourage to propose new satellite meetings.

The **Congress venue** is the Auditorium Maximum of the Jagiellonian University situated close to the attractive, historic old city surrounded by the green ring. The location makes it easy to combine scientific activities with exploration of **Kraków** – a pearl of Polish art and cultural heritage full of great historical and architectural monuments. Every Summer Kraków is providing many exciting artistic events.

Visit the 6ECM website www.6ecm.pl for more information about the 6ECM, the prizes to be awarded during the 6ECM, satellite meetings, tourist attractions and practical information. On the website **you can pre-register in order to receive updated information about the 6ECM** and submit proposals for various activities mentioned above. We also invite you to join us on Facebook.

See you in Kraków!
