
MEDEDELINGEN VAN HET KONINKLIJK WISKUNDIG GENOOTSCHAP, 2015 nr. 17
9 oktober(elektronische aflevering)
De eerstvolgende aflevering verschijnt omstreeks 23 oktober 2015.
Kopij kan worden gestuurd naar medwg@cw.nl; agenda-items kunnen ook
worden aangeboden via de website www.wiskgenoot.nl
Mededeling van het Bestuur
=====

To: The Adhering Organizations of the International Mathematical Union

Dear colleagues,
This message concerns the International Congress of Mathematicians 2018.
Please note that there is an important change in terms of date and venue.

The new and final information is:
ICM 2018
[August 1 - 9, 2018](#)
Rio Centro Convention Center, Rio de Janeiro, Brazil
The General Assembly of the IMU will be held in São Paulo, on [July 29-30](#), with the transfer of delegates taking place during [July 31](#).

We apologize for any inconvenience this may cause.

Please make sure that this important information is widely distributed to
all your colleagues.
The official web page of the ICM2018 is <http://www.icm2018.org/>.
Please subscribe to the ICM 2018 newsletter to be kept informed.

Regards
Helge Holden

Prof. Helge Holden
Secretary of the International Mathematical Union
<http://www.mathunion.org>
Phone:+47-92038625

1. Agenda
2. Colleges, voordrachten en cursussen
3. Promotie
4. Vacatures

1. Agenda
Van de met * aangeduide activiteiten vindt men bijzonderheden in de rubriek
Colleges, voordrachten en cursussen.

13-10	RUG: Colloquium Wiskunde dr. Roland van der Veen (KdV Inst. UvA) <i>Knots and quantum groups</i> 16 u., zaal 51610293 (Bernoulliborg)
20-10	*Wageningen: BioSB Course Matlab
20-10	RUG: Colloquium Wiskunde Prof.dr. Robert Cooke (TUD) <i>Vine Regression</i> 16 u., zaal 51610293 (Bernoulliborg)
22-10	Institut Henri Poincaré, Paris: Celebration of the 25 th anniversary of the European Mathematical Society "Challenges for the next 25 years" Speakers: Hendrik Lenstra (Leiden, the Netherlands), Laure Saint-Raymond (ENS Paris, France), László Lovász (Budapest,

- Hungary), and Andrew Stuart (Warwick, UK).
[Website](#)
- 22-10 UU: Staffcolloquium
 Speaker: Herman te Riele (CWI)
Computational number theory: an introduction
 Time/location: 15.30-17.00 hr, room 611 of the Hans
 Freudenthal building, formerly known as the Wiskunde/Maths
 building, (campus De Uithof)
 The lecture is preceded by coffee, tea, and cookies from
 15-15.30 hr., in the same room.
[Website](#)
- 24-10 Leiden: Benelux Algorithm Programming Contest
 De jaarlijkse algoritmische programmeerwedstrijd voor
 studententeams uit de Benelux (BAPC).
 Georganiseerd door: Stichting FMA in samenwerking met De
 Leidsche Flesch.
[Website](#), [e-mail](#).
- 28/30-10 TUD: Automatic sequences, number theory, aperiodic order
 Speakers include:
 Boris Adamczewski (Marseille), Michael Baake (Bielefeld), Henk
 Bruin (Vienna), Alan Haynes (York), Steve Hurder (Chicago),
 Hendrik Lenstra (Leiden), Stefano Marmi (SNS Pisa), Robert
 Osburn (Dublin), Michel Rigo (Liege), Jeff Shallit (Waterloo),
 Joern Steuding (Wurzburg), Reem Yassawi (Trent U,
 Peterborough).
[Website](#), [email](#).
- 2-11 *Tilburg: WONDER-afternoon
- 2/3-11 MPIM: Beijing meets Bonn (2 day meeting)
 Organizers: Xiaobo Liu (BICMR) and Pieter Moree (MPIM)
 The purpose of this workshop is to enhance scientific exchange
 with the German math community and also advertise the postdoc
 program at BICMR (Beijing International Center for Mathematical
 Research).
[Website](#), [email](#)
- 4-11 RUG: ICAB Conferentie 2015
 Thema: *Opleiden... Breed of Smal?*
 Conferentie voor iedereen die werkt in het academisch
 bètaonderwijs.
 Keynote speaker: Daan Roosegaarde
 Aanmelden via de [website](#)
- 8/10-11 Eindhoven: Workshop *Robust Optimization*
 Locatie: De Groene Loper 5, TUE
 Organisator: Eurandom
[Website](#), [email](#)
- 9/11-11 Lunteren: 44th annual Meeting of Dutch Statisticians and
 Probabilists
 Confirmed speakers:
 Arnak Dalalyan (Paris), Michel Ledoux (Toulouse), Peter
 Pfaffelhuber (Freiburg), Hugo Touchette (Stellenbosch), Martin
 Wainwright (Berkeley), Jon Wellner (Seattle).
[Website](#)
- 11-11 Eindhoven: 9th Workshop YEQT: Scaling limits in queueing
 networks
 Organiser: Eurandom
 The topic of this year's workshop is about *Scaling limits of
 queueing networks*. We have selected four topics in queueing
 theory around which we intend to develop a clustered program:

1. Asymptotic analysis of many-server queues
 2. Applications of fluid and diffusion limits in queueing networks
 3. Scaling of Markov processes
 4. Diffusion control problems
- [Website](#), [email](#)
- 12-11 Leiden: Celebration of the 80th birthday of Frans Oort
Organizers: Ching-Li Chai, Ben Moonen and Jaap Top
This special afternoon is part of the Lorentz workshop [Moduli spaces and Arithmetic Geometry](#)
Please [register](#)
- 12-11 Utrecht: Symposium Gerard Sleijpen 65
Organisatoren: Rob Bisseling en Paul Zegeling (UU), Martin van Gijzen (TUD), Rob Stevenson (UvA)
[Website](#).
- 13-11 Eindhoven: Prijsuitreiking Nederlandse Wiskunde Olympiade 2015
Organisator: Nederlandse Wiskunde Olympiade
[Website](#), [email](#).
- 13-11 Landelijk: Wiskunde B-dag
Organisator: Freudenthal Instituut
[Website](#), [e-mail](#).
- 20-11 RUG: Afscheidsrede Henk Broer - *Alles beweegt, maar waarheen?*
Aanvang: 16 uur.
Aanmelden: [Ineke Schelhaas](#) of telefonisch: 050-3633379
- 26/27-11 *Lunteren: Diamant Symposium
- 9-1-2016 Utrecht: Wintersymposium 2016
Thema: *Analytische meetkunde*
Nadere informatie over het programma wordt in de loop van het najaar bekend gemaakt.
Organisator: Koninklijk Wiskundig Genootschap
- 18/22-1-2016 UK: Opening Workshop (SDBW01)
"Isaac Newton Institute Programme on Stochastic Dynamical Systems in Biology: Numerical Methods and Applications"
[Website](#)
- 25-1/27-1-2016 Lunteren: 15th Winter school on Mathematical Finance
Mini courses, short lectures and special invited lectures
Organisers: Hans Schumacher (Tilburg Univ.) and Peter Spreij (Korteweg-de Vries Institute for Mathematics, Univ. van Amsterdam)
[Website](#)
- 22/23-3-2016 Amsterdam: BeNeLuxMC2016
Wordt onder auspiciën van het KWG, en in samenwerking met het Belgische en het Luxemburgse Wiskundig genootschap georganiseerd.
- 8-4-2016 UvA: Congres Leve de Wiskunde!
[Website](#), [e-mail](#)
- 10/16-4-2016 *Besteni, Roemenië: European Girls Mathematical Olympiad
- 29/30-5-2016 *Eindhoven: Benelux Wiskunde Olympiade
- 27-6/2-7-2016 Caen, France: 17th International Conference on Fibonacci Numbers and Their Applications

6/16-7-2016

Hong Kong, China: Internationale Wiskunde Olympiade

2. Colleges, voordrachten en cursussen

Wageningen

BioSB Course Matlab

Date: October 20, 2015

Coordinators: Hans Stigter (WUR), [Celia van Gelder](#) (BiosB)

Registration [here](#).

Please note that if you are (or become) a member of BioSB this course is free of charge for PhD students and with reduced fee for other researchers!

[Website](#).

Goal

The main goal of this course is to get acquainted with Matlab software for use within Systems Biology. After this introductory course you will have gained the basic knowledge to pursue further use via self-study of Matlab in order to apply more advanced programming techniques within Matlab in your own research. In summary, the sub-goals are:

1. To learn the philosophy behind Matlab and its syntax
2. To program simple Systems Biology models in Matlab (in ordinary differential equation format) and to solve these differential equations with Matlab

Programme

09:45	Coffee/Tea
10:00	Welcome
10:05	Introduction Matlab Basics (functions, variables, matrices, etc)
10:45	Advanced Programming (vectorised thinking, solving dynamic ordinary differential equation models in Matlab, parameter estimation for ODE-models)
12:00	Afternoon: Solving basic and advanced problems in Matlab - hands-on experience on a PC. Exercises will be provided, but you can also bring your own problems that you have encountered in your own research.
12.30	Lunch
15:00	Coffee/tea
16:30	End

Target audience

Primarily targeting researchers from academia, but participants from the private sector are also welcome. The course focusses on the use of Matlab for building dynamic Systems Biology Models in terms of ordinary differential equations.

Course Description

This is a one-day introduction to the possibilities of Matlab as a programming environment for simulation and analysis of biological models. We will start with a simple introduction of the basics of Matlab (matrices, vectors, manipulation of matrices and presentation of data). Having obtained some basic programming knowledge (writing of simple scripts and functions in Matlab), we will move on to more advanced topics. These include programming and solving ordinary differential equation models (ODEs) and the concept of "vectorized thinking" while writing Matlab-code. Finally, calibration of parameters in ODE type of models using measured data will be discussed and examples will be given. The course also includes the basics of presenting

your results (graphing) in various types of plots that can easily be drawn in Matlab. Participants will, of course, get hands-on experience with Matlab and write code themselves in a practical.

BioSB Education Programme

This course is part of the Education Programme of BioSB, the Netherlands Bioinformatics and Systems Biology Research School, which offers training and education in bioinformatics and systems biology.

More information about BioSB can be found at www.biosb.nl or via [email](#).

Tilburg

WONDER-afternoon

Date/location: November 2nd, 2015, room CZ 6, Cobbenhagen building, Tilburg University

WONDER, Wiskunde Onderzoekschool Nederland, coordinates the national graduate program in mathematics.

During this afternoon there are presentations on the work of the two Abel Prize winners for 2015 and the Stieltjes Prize for the best Dutch PhD thesis in mathematics for 2014 will be awarded.

Ziyang Gao (PhD from UL) and Bram Gorissen (PhD from TiU) will receive the Stieltjes Prize.

The program is as follows:

- | | |
|--------------|--|
| 13: 00-13:30 | Welcome |
| | Presentations on the work of the Abel Prize winners for 2015 |
| | John F. Nash Jr. and Louis Nirenberg: |
| 13:30-14:15 | Joost Hulshof (VU), The work of John F. Nash Jr.
<i>The Hard Implicit Function Theorem</i> |
| 14:15-15:00 | Rob van der Vorst (VU), The work of Louis Nirenberg:
<i>Linear and elliptic partial differential equations</i> |
| 15:00-15:30 | Coffee break |
| 15:30-16:00 | Award of the Stieltjes Prize for the best PhD thesis in mathematics in the Netherlands for the year 2014 on behalf of the Foundation Compositio Mathematica and the Stieltjes Foundation |
| | -Laudatio by the chairman of the selection committee, Prof. Aernout van Enter |
| | -Awards ceremony by Prof. Emile Aarts, rector magnificus of Tilburg University |
| 16:00-16:30 | Presentation by Stieltjes Prize winner Ziyang Gao (Princeton) |
| 16:30-17:00 | Presentation by Stieltjes Prize winner Bram Gorissen (VU) |
| 17:00-18:00 | Drinks |

Lunteren

Diamant Symposium

Dates: 26-27 November 2015

[Website](#)

Invited speakers include: Gaetan Chenevier (CNRS, U Paris Sud/Orsay), Neil Dummigan (U Sheffield), Sebastian Schoenckenbeck (U Aachen).

They will feature in a special afternoon (on [Friday](#)) on "Lattices and automorphic forms".

We welcome contributed talks by PhD students and postdocs. Title and abstract can be submitted while registering for the symposium, or at a later date.

Please do not hesitate to encourage PhD students and postdocs in your surroundings to contribute a talk !

The venue is Conference Center De Werelt in Lunteren. The symposium starts on [Thursday](#) 26 November at 11 AM.

Everybody is cordially invited to attend, but registration is necessary, via the above webpage. The registration deadline is [Sunday](#), 15 November.

Diamant PhD and master students pay a reduced conference fee of only 50 E, other Diamant members pay 80€. This fee includes accommodation, meals (2 lunches, 1 dinner, 1 breakfast), and coffee breaks.

Looking forward to seeing you in Lunteren in November!

Robin de Jong

Besteni, Roemenië

European Girls Mathematical Olympiad

Datum: 10-16 april, 2016

Organisator: Nederlandse Wiskunde Olympiade

[Website](#), [e-mail](#).

Om meisjes extra te stimuleren om aan de Wiskunde Olympiade mee te doen, is in 2012 de European Girls' Mathematical Olympiad (EGMO) geïntroduceerd.

Van 10 tot 16 april vindt in Roemenië de vijfde editie plaats.

Hieraan doen zo'n twintig landen mee met elk een team bestaande uit vier meisjes. De wedstrijd beslaat twee dagen en op elk van deze dagen krijgen de leerlingen in vierenhalf uur vier opgaven voor hun kiezen.

Eindhoven

Benelux Wiskunde Olympiade

Datum: 29-30 mei, 2016

Organisator: Nederlandse Wiskunde Olympiade ()

[Website](#), [e-mail](#).

De Benelux Mathematical Olympiad (BxMO) is een derby tussen België, Luxemburg en Nederland. De wedstrijd vindt sinds 2009 jaarlijks in één van deze landen plaats. Elk land mag een team van tien deelnemers afvaardigen. Het evenement vindt plaats in een weekend, waarvan op zaterdag de daadwerkelijke wedstrijd plaatsvindt.

De deelnemers werken op deze dag aan vier opgaven in vierenhalf uur.

3. Promotie

VUA

27-10 Mohammed El-Kebir, *Applications of Combinatorial Optimization to Computational Biology*. promotoren: prof.dr. J. Heringa (VU), prof.dr. G.W. Klau (CWI, VU), Aula, 13.45 u.

4. Vacatures

AIMS South Africa

The Alexander von Humboldt Foundation is calling for applications for a German Research Chair for Mathematics

with specialisation in Data Science at the African Institute for Mathematical Sciences in South Africa (AIMS South Africa). In the coming years, this endowed chair will promote higher education and research in mathematics in Africa.

This call is aimed at highly qualified postdoctoral academics from any

country who have conducted application-related research in the field of mathematics with specialisation in data science and have experience in training students and doctoral candidates. Leadership potential and a willingness to collaborate with other academic disciplines are also desired.

The closing date for applications is **15 January 2016**. Please note that a willingness to collaborate with universities or research institutions in Germany is a prerequisite. Further information on the programme and the application procedure as well as the application document package are available for download at:

<https://www.humboldt-foundation.de/web/research-chair-aims-south-africa.html>.

This research chair is funded with a total of €628,000 for a four-year period. A concurrent appointment at the collaborating University of Stellenbosch is planned. AIMS South Africa plans to conduct together with the University of Stellenbosch an evaluation of the chair following the third funding year. A continuation of the chair after the end of the funding is targeted.

AIMS South Africa is part of the AIMS Next Einstein Initiative which seeks to establish a coordinated network of 15 supra-regional centres of excellence in mathematics across Africa by the year 2020. The endowed research chair, which is being advertised internationally, is designed to help promote networking between AIMS South Africa and German universities and to drive networking amongst the individual AIMS centres in Africa. As part of the German Research Chair programme that is financed by the Federal Ministry of Education and Research, the Humboldt Foundation will appoint further research chairs at AIMS centres in the coming years. It is envisaged that the research chair at AIMS South Africa will oversee the coordination of work done in projects that the Humboldt Foundation is already funding at the AIMS centres in Senegal and Ghana and the chairs that are to be set up in Cameroon and Tanzania.

We should be very grateful if you would draw the attention of potential candidates in your personal network to this announcement. You can forward this email to them or disseminate the attached Programme Information at your institute. If you have any further questions about this new sponsorship programme, please do not hesitate to address them to GermanResearchChairs@avh.de.

Thank you very much for your support.

Sincerely, Michaela Kreilos
Alexander von Humboldt Foundation
Selection Department
Physics, Engineering, Mathematics division
Programme Director, German Research Chairs
www.humboldt-foundation.de

Berlin Mathematical School (BMS)

Get Your Math PhD in Berlin
Website: <http://www.math-berlin.de/application>

The Berlin Mathematical School is the joint graduate school of the mathematics departments at the three major universities in Berlin: Freie Universität, Humboldt-Universität and Technische Universität.

We offer an excellent (post)graduate program taught in English in a broad and active research environment. This is complemented by our mentoring program, language courses, soft-skills seminars, travel support for summer schools and conferences, and special funding for students with children.

Our seven main research areas are:

- * Differential geometry, global analysis and mathematical physics
- * Algebraic and arithmetic geometry, number theory
- * Probability, statistics and financial mathematics
- * Discrete mathematics and combinatorial optimization
- * Geometry, topology and visualization
- * Numerical mathematics and scientific computing
- * Applied analysis and differential equations

The graduate program starts with three to four semesters of course work (Phase I) leading to a master's degree. This is followed by four to six semesters of thesis research (Phase II) leading to a doctoral degree at one of the three universities.

Students who will have completed their bachelor's degree by October 2016 can apply to Phase I; those who will have completed their master's degree by this date can apply to start directly in Phase II.

Complete information about applying to the BMS is available online:

http://www.math-berlin.de/images/guidelines/BMS_PhD_Application_Guidelines.pdf

Deadline for admission with scholarship: 1 December 2015

Deadline for admission only: 1 May 2016

Website: <http://www.math-berlin.de/application>

Contact:

E-Mail: applications@math-berlin.de

phone: +49 30 314-78651

<http://www.math-berlin.de>

VU University Amsterdam

At VU University Amsterdam, a

1-year postdoc position

is available in the direction of algebraic cycles, algebraic K-theory, Hodge theory and regulators;

see <http://vu.nl/nl/werken-bij-de-vu/vacatures/2015/15297.asp>.

The deadline for applications is 27th October 2015.

Rob de Jeu

Radboud Universiteit Nijmegen

At the Radboud Universiteit there is a job opening for a

Full Professor of Pure Mathematics (1,0 fte)

preferably in one or more subfields of Algebra, Geometry or Topology

Application deadline: 24 November 2015

For more information, see:

[http://www.ru.nl/overons/werken-](http://www.ru.nl/overons/werken-radboud/details/details_vacature_0/?recid=562579)

[radboud/details/details_vacature_0/?recid=562579](http://www.ru.nl/overons/werken-radboud/details/details_vacature_0/?recid=562579)

Erik Koelink

einde Mededelingen