
MEDEDELINGEN VAN HET KONINKLIJK WISKUNDIG GENOOTSCHAP, 2015 nr. 16

25 september (elektronische aflevering)

De eerstvolgende aflevering verschijnt omstreeks 9 oktober 2015.

Kopij kan worden gestuurd naar medwg@cw.nl; agenda-items kunnen ook worden aangeboden via de website www.wiskgenoot.nl

1. Agenda

2. Colleges, voordrachten en cursussen

3. Vacature

1. Agenda

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

25-9

Utrecht: Crypto Working Group

Location: De Kargadoor, Oudegracht 36, Utrecht

Program

10:45 - 11:30 Ko Stoffelen (RU Nijmegen), *Intrinsic side-channel analysis resistance and efficient masking*

11:30 - 11:45 Coffee / tea break

11:45 - 12:30 Fabian van den Broek (RU Nijmegen), *Defeating IMSI catchers*

12:30 - 14:00 Lunch break (lunch not included)

14:00 - 14:45 Ruben Niederhagen (TU/e), *Breaking ECC2-113 - joy and pain of hardware design*

14:45 - 15:00 Coffee / tea break

15:00 - 15:45 Thijs Laarhoven (TU/e), *Speeding up lattice sieving with nearest neighbor techniques*

29-9

RUG: Colloquium Wiskunde

Prof. Catarina Duthilh Novaes (RUG)

Reductio Proofs From a Dialogical Perspective

Time/location: 16 hrs, room 5161.0293 (Bernoulliborg)

1-10

UU: Staffcolloquium

Speaker: Bob Rink (VUA)

The hidden symmetries of network dynamics

Time/location: 15.30-16.30 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](#)

6-10

RUG: Colloquium Wiskunde

Dr. Walter van Suijlekom (RU Nijmegen)

Semigroup of inner perturbations in noncommutative geometry

Time/location: 16 hrs, room 5161.0293 (Bernoulliborg)

7/9-10

Zeist: 40-ste Woudschotenconferentie

Keynote speakers:

Margot Gerritsen (Stanford University, VS), Des Higham (Univ. Of Strathclyde, Engeland), Tamara G. Kolda (Sandia National Lab, VS), Cleve Moler (MathWorks, VS), Philip L. Roe (Univ. Of Michigan, VS), Gerhard Wanner (Univ. De Genève, Zwitserland).

[Website](#)

7/9-10

Groningen: Conference 'The Information Universe'

Keynote speakers: Erik Verlinde (UvA), Alex Szalay (The Johns Hopkins Univ., USA), Gerard 't Hooft (UU), Charley Lineweaver (Australian National Univ.), Lude Franke (University Medical Center Groningen). [Website](#)

- 8-10 VUA: Van Dantzig Seminar
Lectures by Martin Wainwright (UC Berkeley), Wolfgang Polonik (UC Davies), and Giulea Cereda (Leiden Univ. and Univ. of Lausanne)
[Website](#), [email](#)
- 8-10 UU: Staffcolloquium
Speaker: Roelof Bruggeman en Ferdinand Verhulst (UU)
Title to be announced
Time/location: 15.30-16.30 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](#)
- 22-10 Institut Henri Poincaré, Paris: Celebration of the 25th 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: 15.30-16.30 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](#).
- 2/3-11 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*

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](#)

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).
 Registration: before October 1st, [website](#)

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

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 ([Wiskengenoot](#))

18/22-1-2016 *UK: Opening Workshop (SDBW01)
 "Isaac Newton Institute Programme on
 Stochastic Dynamical Systems in Biology: Numerical Methods and Applications"

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
27-6/2-7 2016	Caen, France: 17th International Conference on Fibonacci Numbers and Their Applications Location: Université de Caen Normandie Website
6/16-7-2016	Hong Kong, China: Internationale Wiskunde Olympiade

2. Colleges, voordrachten en cursussen

Eindhoven

Workshop *Robust Optimization*

Date/location: 8-10 November 2015, De Groene Loper 5, TUE

Organisator: Eurandom

The aim of this workshop is to bring together leaders whose expertise spans two areas of research: robust optimization & applied probability.

Robust optimization has emerged as a tractable paradigm for analyzing and optimizing models in which certain system parameters are unknown. Alternatively, applied probability has traditionally been a field yielding insights into how systems behave under uncertainty, when the uncertainty is characterized by known random variables. New modeling and optimization challenges, e.g. those coming from data-rich environments and arising in the domain of machine learning, give rise to questions best addressed by combining insights from both domains of robust optimization and applied probability. The aim of this workshop is to bring together leaders whose expertise spans these areas of research, facilitating the transference of ideas, insights, and methodologies to tackle new and exciting problems at the interface of robust optimization and applied probability.

[Website](#), [email](#)

UK

Opening Workshop (SDBW01), "Isaac Newton Institute Programme on Stochastic Dynamical Systems in Biology: Numerical Methods and Applications"

Date: 18-22 January 2016, Isaac Newton Institute, Cambridge, UK

In the past decades, quantitative biology has been driven by new modelling-based stochastic dynamical systems and partial differential equations.

Examples from gene regulation, molecular signalling, cell division and molecular transport, as recently revealed by live cell images, have shown that many processes in cells and in molecular biology are inherently driven by stochastic events. One of the biggest challenges we propose to address in this programme is to develop methods and analysis, as well as efficient algorithms for simulations, to bridge the range of different biological scales.

In support of this goal, the programme will focus on:

- Analysis of stochastic dynamical systems and applications in molecular and cellular biology.
- Development of efficient computational methods for simulating stochastic equations over various scales.

- Identifying new research areas.

The aim of this opening workshop is to introduce participants to the different subject areas of the programme. In particular, this workshop will include a number of mini-courses aimed at senior graduate and postgraduate students, together with high level overview talks, given by world experts, which will highlight some of the major open problems in the field.

Limited funding is available to partially cover the costs of junior participants from the U.S. and the U.K. Please see the workshop website for details.

The following introductory mini-courses are planned as part of the workshop:

- * Stochastic Simulation of Models Arising in the Life Sciences I (non-spatial models). David Anderson (University of Wisconsin)
- * Stochastic Simulation of Models Arising in the Life Sciences II (spatial models). Samuel Isaacson (Boston University)
- * Narrow escape theory, first passage time to a small hole and applications to modelling cell biology processes. David Holcman (Ecole Normale Supérieure).

List of workshop speakers:

Ruth Baker (University of Oxford), Neil Dalchau (Microsoft Research), Jasmine Foo (University of Minnesota), Mike Giles (University of Oxford), Ray Goldstein (University of Cambridge), Des Higham (University of Strathclyde), Stefan Klumpp (Max-Planck-Institut), Rachel Kuske (University of British Columbia), Yihan Lin (California Institute of Technology), Scott McKinley (Tulane University), Johan Paulsson (Harvard University), Linda Petzold (University of California, Santa Barbara), Christof Schütte (Freie Universität Berlin), Blerta Shtylla (Pomona College), Ben Simons (University of Cambridge), Peter Swain (University of Edinburgh), Eric Vanden-Eijnden (New York University, Courant Institute), Darren Wilkinson (University of Newcastle).

Further workshop [details](#). Deadline for applications: **11th October 2015**.

3. Vacature

Univ. of Padova, Italy

A call for a

3 years Tenure Track Position of Researcher in Algebraic Geometry, Analytic Geometry, Arithmetic Geometry

is now open at the Department of Mathematics of the University of Padova. At the end of the 3 years the Researcher will be offered a tenure track position of "Associate Professor", provided in the meantime he/she has obtained the "Italian habilitation" as associate professor (based on a nationwide curriculum evaluation). Requirements: at least 3 years with a post-doc position, either as assistant professor or equivalent.

Engagement during the 3 years:

Teaching duty: 80 hours of teaching (including basic mathematics) per year

Salary: 34000 euros (before taxes) which can be increased up to 40000 euros depending on the level of the candidate. Please find the call [here](#).
For more information: [Bruno Chiarellotto](#), [Francesco Baldassarri](#) .

einde Mededelingen