
MEDEDELINGEN VAN HET KONINKLIJK WISKUNDIG GENOOTSCHAP, 2015 nr. 10

22 mei 2015 (elektronische aflevering)

De eerstvolgende aflevering verschijnt omstreeks 5 juni 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

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Met ingang van 1 juni wordt de ledenadministratie niet langer verzorgd door Publish Impulse maar door Ten Brink Uitgevers.

Het e-mailadres blijft admin@wiskgenoot.nl .

Het telefoonnr is gewijzigd: 085-0160252.

1. Agenda

2. Colleges, voordrachten en cursussen

3. Promoties

4. Vacature

1. Agenda

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

28/29-5

Veenendaal: Diamant symposium

Speakers: Sander Dahmen (VUA), Leo van Iersel (TUD), Max Klimm (TU Berlin) and Matthias Mnich (Univ. Bonn)

[Website](#)

4-6

Amsterdam, CWI: CWI in Bedrijf - *Everything Smart*

Meet CWI researchers and find out about research at CWI that could be the next innovation at your company. Hear what **Rob van Gijzel** (Mayor of Eindhoven), René Penning de Vries and Borre Akkersdijk have to say, and watch our latest demos. [Registration, website](#)

1/3-6

Den Dolder: GQT graduate school

A three day school for PhD-students in the Geometry and Quantum Theory cluster

Organisers: Raf Bocklandt, Gil Cavalcanti, Maarten Solleveld

[Website](#)

4/5-6

Den Dolder: GQT Colloquium

Conference of the Geometry and Quantum Theory Cluster

Organisers: Raf Bocklandt, Gil Cavalcanti, Maarten Solleveld

[Website](#)

5-6

Utrecht: Mark Kac Seminar

11.15-13 Jin Feng (Lawrence, KS), *A Hamilton-Jacobi formalism to large deviations and associated problems*

14.30-16.15 Cristian Giardinà (Modena), *Stochastic duality and Lie algebras*

Location: Drift 23, room 020, afternoon: Drift 25, room 105.

Note the unusual location! Drift is the street which runs just east of Janskerkhof along the Kromme Nieuwegracht. The entrance to the seminar rooms is located at Drift 27, where signs guide you to Drift 23 and 25.

11-6

RUG: Opening Symposium Centre for Data Science and Systems Complexity, Faculty of Mathematics and Natural Sciences, University of Groningen

[Website](#)

- 11/12-6 RUN: B-NL NoGAGs
The Belgian-Dutch Algebraic Geometry seminar will be combined with the Northern German Algebraic Geometry seminar (NoGAGS).
[Website](#)
- 15/19-6 Leiden: Lorentz Center workshop Dynamics and Geometry
Organizers: Heinz Hanßmann (Utrecht), Igor Hoveijn (Groningen), Sebastian van Strien (London), Gert Vegter (Groningen), Holger Waalkens (Groningen). Advisor: Henk Broer (Groningen).
[Website/registration](#).
- 15/19-6 Luxembourg: Workshop Frontiers in Serre's Modularity Conjecture: Torsion and Low Weights
Speakers:
Fabrizio Andreatta, Tobias Berger, Fred Diamond, Bas Edixhoven, Florian Herzig, K.W. Lan, Shu Sasaki, George Schaeffer, Sug Woo Shin, Jacques Tilouine, Jean-Pierre Wintenberger
The organisers: Mladen Dimitrov, Haluk Sengün, Gabor Wiese and Hwajong Yoo
[Website](#)
- 18-6 Tilburg University: Workshop on Algebraic Combinatorics
Invited speakers are: Aart Blokhuis (Technische Universiteit Eindhoven), Sebastian Cioaba (University of Delaware), Miquel Àngel Fiol (Universitat Politècnica de Catalunya), Monique Laurent (Centrum Wiskunde & Informatica Amsterdam/Tilburg University), Oriol Serra (Universitat Politècnica de Catalunya)
Location: Koopmans Building, Tilburg
[Website](#), [e-mail](#)
- 24/26-6 Frankrijk: 26th Rencontres arithmétiques de Caen:
Geometry and Arithmetic over Local and Global Fields
Location: Laboratoire de Mathématiques Nicolas Oresme
Registration online is open until 31 May 2015. It is free, but mandatory.
[Website](#)
- 3/15-7 Chiang Mai, Thailand: Internationale Wiskunde Olympiade
[Website](#)
- 21/22-8 Amsterdam, CWI: Vakantiecursus 2015 - *Dit is triviaal*
[Website](#), [e-mail](#)
- 28/29-8 Eindhoven: Vakantiecursus 2015 - *Dit is triviaal*
[Website](#), [e-mail](#)
- 15/19-9 Hay-on-Wye, UK: LMS-CMI Research School "Diophantine Equations"
The course will take the format of three 6-hour mini-courses, supported by exercise classes.
[Website](#), [email](#)
- 7/9-10 Zeist: Vooraankondiging 40-ste Woudschotenconferentie
Keynote speakers:
Margot Gerritsen (Stanford University, VS),
Des Higham (University of Strathclyde, Engeland), Tamara G. Kolda (Sandia National Laboratories, VS), Cleve Moler (MathWorks, VS), Philip L. Roe (University of Michigan, VS), Gerhard Wanner (Université de Genève, Zwitserland).
[Website](#)
- 18-9 Eindhoven: Finale Nederlandse Wiskunde Olympiade 2015
Organisator: Nederlandse Wiskunde Olympiade.
[Website](#), [email](#).

21/23-9 *Warwick, UK: Workshop Non-Reversible Markov Chains for Monte-Carlo Sampling

28/30-10 *TUD: Automatic sequences, number theory, aperiodic order

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](#).

22/23-3-2016 Amsterdam: BeNeLuxMC2016

2. Colleges, voordrachten en cursussen

TU Delft

Automatic sequences, number theory, aperiodic order

Date/location: 28-30 October, 2015, TUD

The interplay between number theory, ergodic theory, dynamical systems and theoretical computer science. This is a follow up of the conference on Probability and Numbers in 2013.

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).

Registration is free but if you plan to attend, please send an email to Robbert Fokkink: [email](#) or Cor Kraaikamp: [email](#).

Participants are invited to contribute to the conference proceedings, which will appear as a special issue of Indagationes Mathematicae in 2016.

Organizers : Valérie Berthé, Frits Beukers, Alex Clark, Robbert Fokkink, Cor Kraaikamp. [Website](#).

Warwick, UK

Workshop Non-Reversible Markov Chains for Monte-Carlo Sampling

Date/location: September 22-23, 2015, University Warwick, UK, Dept of Statistics

Organizers: Joris Bierkens and Gareth Roberts, [website](#), [email](#).

Workshop description:

Markov Chain Monte Carlo (MCMC) methods are of fundamental importance to various scientific fields, such as statistics, statistical physics, molecular dynamics and machine learning. The usefulness of these MCMC methods depends for a large part on their computational efficiency. Non-reversible Markov chains may have significant benefits in terms of computational efficiency over their reversible counterparts. It will be the aim of this workshop to explore:

- theoretical properties of non-reversible Markov chains that are important in determining their usefulness for MCMC;
- aspects of augmented state space algorithms such as Hamiltonian Monte Carlo and their relations to non-reversible Markov processes;
- theory and practice of design and implementation of efficient non-reversible Markov chains.

CRiSM is the Centre for Research in Statistical Methodology, which is based at the Department of Statistics of the University of Warwick.

Keynote speakers:

- Grigoris Pavliotis, Imperial College London, UK
- Chii-Ruey Hwang, Academia Sinica, Taiwan
- Marija Vucelja, The Rockefeller University Center, New York,
- Ravi Montenegro, UML, USA
- Luc Rey-Bellet, University of Massachusetts, USA
- Natesh Pillai, Harvard University, USA
- Alexandros Beskos, University College London, UK
- Michael Betancourt, University of Warwick, UK
- Tony Lelièvre, Ecole des Ponts ParisTech

[Registration](#) is now open for the CRiSM workshop.

Those wishing to present a poster of their research, are welcome to submit a poster abstract [here](#).

3. Promoties

UL

10-6 Thijs van Ommen (CWI), *Better Predictions when Models are Wrong or Underspecified*, promotor: Prof.dr. Peter Grunwald (CWI, UL), Academieggebouw, 16 u.

VUA

4-9 Jaldert Rombout (CWI), *Biologically Plausible Reinforcement Learning*, promotor: Prof.dr. Pieter Roelfsema (VU/NIN/UvA), 11.45 u.

4. Vacature

University Newcastle

Job Details: Lectureship in Pure Mathematics

Ref: D1725A

Faculty/Services: Science, Agriculture & Engineering

Department: School of Mathematics & Statistics

Job Type: Academic (non-clinical)

Full time

Closing Date: 2 June 2015.

Applications are invited for a Lectureship in Pure Mathematics within the School of Mathematics & Statistics from September 2015, or such other date as may be agreed. You should be an enthusiastic and strong researcher, with outstanding teaching potential and excellent communication skills. Newcastle University has a strong tradition of research in pure mathematics, with current interests broadly based in algebra and analysis. Other sections in the School conduct research and teaching in applied mathematics and statistics. The successful candidate will be expected to carry out and publish high-quality research and play a role in the teaching and administrative activities within the School. The School is committed to the Athena SWAN Charter for women in science.

Informal enquiries may be made to Professor [Robin Henderson](#) or [+44 191 208 7235](#)).

More information about the School can be found [here](#).

[Webpage](#) regarding the vacancy.

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