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MEDEDELINGEN VAN HET KONINKLIJK WISKUNDIG GENOOTSCHAP, 2016 nr. 9

29 april (elektronische aflevering)

De eerstvolgende aflevering verschijnt omstreeks 13 mei 2016.

Kopij kan worden gestuurd naar [medwg@cw.nl](mailto:medwg@cw.nl); agenda-items kunnen ook worden aangeboden via de website [wiskundepersdienst.nl](http://wiskundepersdienst.nl)

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1. Agenda

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| 13-5     | UU: WSC Voorjaarsbijeenkomst<br>Locatie: Universiteitsbibliotheek de Uithof<br>Deelname gratis. <a href="#">Informatie</a> en <a href="#">registratie</a>  |
| 19-5     | UU: Staffcolloquium<br>15-17 hr Jim Bryan<br><i>Title to be announced</i><br>Location: Victor J. Koningsbergergebouw. The colloquium takes place once every quarter, there will be refreshments.<br><a href="#">Website</a>  |
| 20-5     | *Lille, France: Journées Approximation 2016  |
| 28/30-5  | Riga, Latvia: Systems, Control, Signal Processing and Informatics(SCSI 2016)<br>Contact us by <a href="#">email</a>  |
| 6-6      | *CWI: Workshop on the mathematics of future energy systems   |
| 20/22-6  | *Leiden: Crash course on Shimura varieties   |
| 27-6/2-7 | Caen, France: 17th International Conference on Fibonacci Numbers and Their Applications<br>Location: Université de Caen Normandie<br><a href="#">Website</a>   |
| 6/16-7   | Hong Kong, China: Internationale Wiskunde Olympiade<br><a href="#">Website</a>   |
| 18/22-7  | Berlin: 7th European Congress of Mathematics (7ECM)<br>Volker Mehrmann: <a href="#">email</a> , <a href="#">website</a>  |
| 18/22-7  | St. Louis, USA: The International Workshop on Operator Theory and Applications (IWOTA 2016)<br><a href="#">Website</a>   |
| 20/23-7  | Berlin, Germany: First Announcement: IMAGINARY Conference on Open and Collaborative Communication of Mathematical Research 2016 (IC16)<br><a href="#">email</a> , <a href="#">website</a>  |
| 8/12-8   | Paderborn, Germany: Conference "Dunkl operators, special functions, and harmonic analysis"<br>25 invited speakers<br>Organizing committee: Mourad Ismail (Orlando), Tom Koornwinder (UvA), Eric Opdam (UvA), Margit Rösler (Paderborn), Michael Voit (Dortmund)<br><a href="#">Website</a> |

- 15/19-8 Ascona, Switzerland: Summer school, Centro Congressi Stefano Franscini - *Motives and Complex Multiplication*  
Mini-courses: Fabrizio Andreatta (Milano), Kai-Wen Lan (Minnesota), Frans Oort (Utrecht). Other speakers: Giuseppe Ancona, Manasori Asakura, Bruno Klingler, Damian Rössler, Lenny Taelman, Jacob Tsimerman, Maryna Viazovska  
[Website](#)
- 2-9 Haarlem: Brouwer-lezingenmiddag met als sprekers o.a. prof. dr. D. van Dalen en prof. dr. A.H.G. Rinnooy Kan.  
Plaats: Hodshonhuis van de Koninklijke Hollandsche Maatschappij der Wetenschappen
- 16-9 \*Eindhoven: Finale Nederlandse Wiskunde Olympiade
- 18/23-9 Bonn: 4<sup>th</sup> Heidelberg Laureate Forum  
[Information](#), [email](#)
- 5/7-10 Woudschoten: Vooraankondiging 41e Woudschotenconferentie  
Locatie: Conferentiecentrum Woudschoten in Zeist  
Meer informatie op de [website](#)
- 9-12 Amsterdam: One-day symposium "L.E.J. Brouwer, fifty years later"  
Location: Amsterdam Science Park  
The symposium is organized under auspices of the KWG.  
Organizers: Dirk van Dalen, Jan Willem Klop, Jan van Mill and Geurt Jongbloed.

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2. Colleges, voordrachten, cursussen

Leiden

Crash course on Shimura varieties

On June 20-22, a crash course will be held at Leiden University on the topic of Shimura varieties. The crash course is principally intended for PhD students and advanced master students, but everyone is welcome to join! Our focus will be on motivation and examples rather than technical details. The teachers will be Francesca Bergamaschi, Bas Edixhoven, Arno Kret, and Lenny Taelman. For more information see the [website](#).  
If you wish to participate in the crash course, please register [here](#).

This is just to get an estimate on the number of participants. We are trying to obtain funding for reimbursement of your travel costs; if you will want to declare your expenses, you can indicate so in your registration. Note that we cannot yet make any promises.

Please forward to anyone who might be interested.  
Kind regards,  
Erik Visse,  
Wouter Zomervrucht

CWI, Amsterdam

Workshop on the mathematics of future energy systems

Date: June 6<sup>th</sup>, Amsterdam

The goal of this one day workshop is to exhibit the opportunities to do interesting mathematical research inspired by the latest developments in energy networks.

This workshop will be held at the [Amsterdam Science Park Conference Halls](#).

## Program

10.00-10.45	Kees Vuik (Delft)
10.45-11.30	Han la Poutré (CWI)
11.30-12.00	break
12.00-12.45	Stella Kapidstria (Eindhoven)
12.45-14.00	Lunch
14.00-14.45	Arjan van der Schaft (Groningen)
14.45-15.30	Rob Kooij (TNO)
15.30-16.00	Break
16.00-16.45	Dan Bienstock (Columbia University)
16.45-18.00	drinks

## Registration

Participation is free, but please complete the [registration form](#) .

## Information

Travel directions can be found on the [Science Park Congress Centre website](#).  
For further information, please contact the organisers: [Daan Crommelin](#),  
[Bert Zwart](#).

## Eindhoven

### Finale Nederlandse Wiskunde Olympiade

Datum: Vrijdag 16 september

De Wiskunde Olympiade is een individuele wedstrijd voor leerlingen van klas 1 t/m 5. De wedstrijd bestaat uit drie rondes. De eerste ronde vindt plaats in januari, de tweede ronde in maart en de finale in september (in het volgende schooljaar).

De finale duurt drie uur en bestaat uit vijf opgaven. Deelnemers kunnen ter voorbereiding aan de finale deelnemen aan finaletraining in hun eigen regio. Er zijn prijzen voor deelnemers in drie categorieën: klas 6, klas 5 en klas 4 en lager. [Informatie](#) en [e-mail](#).

## Lille, France

### Journées Approximation 2016

Date: 20 May, 2016, location: Université de Lille 1.

The aim of this meeting (the fifth one after similar meetings in 2000, 2004, 2008, and 2012) is to bring together people interested in complex approximation theory mainly from France and Belgium, but also from other european countries.

Subjects covered include : orthogonal polynomials, rational approximation, numerical aspects of approximation, approximation by radial basis functions, low rank Tensor approximation in high dimensions, asymptotic analysis and Riemann-Hilbert problems, random matrices, quadrature formulas,....

## The invited speakers are:

Annie Cuyt (U. Antwerp, Belgium): Sparse interpolation;

Sylvain Chevillard (INRIA Sophia Antipolis): An inverse magnetization problem in geosciences;

Tom Claeys (UC Louvain la Neuve, Belgium): Thinned random matrix eigenvalues and conditional probabilities;

Albert Cohen (U. Paris VI): Sparse interpolation;

Stefano de Marchi (U. Padova, Italy): Polynomial approximation on Lissajous

curves on the d-cube;  
Alfredo Deano (U. Kent, England): Semiclassical Laguerre polynomials:  
asymptotics and applications;  
Antonio Duran (U. Sevilla, Spain): Beyond the classics: Krall and exceptional  
orthogonal polynomial;  
Dries Stivigny (KU Leuven, Belgium): Smallest eigenvalue distribution for  
products of random matrices.

There will be a poster session: you are invited to submit an abstract if you  
are interested. The inscription is free but mandatory.  
For more details, please visit the [website](#)

Deadlines:

Inscription ..... April 30, 2016

Abstract submission ..... April 30, 2016

Organising committee: Ana C. Matos (Université de Lille), Abderrahman  
Bouhamidi (Université du Littoral), Karl Deckers (Université de Lille),  
Bernd Beckermann (Université de Lille).

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### 3. Promoties

UL

3-5 Daniel Pelt, *"Filter-based reconstruction methods for tomography"*,  
promotor: prof.dr. Joost Batenburg (CWI, CI/UL), Senate Room of the  
Academy Building, Rapenburg 73, 16.15 hr.

UvA

13-5 Halldora Thorsdottir, *Limit theorems for Markov-modulated queues*,  
promotor: prof.dr. Michel Mandjes, co-promotor: prof.dr. Urtzi Ayesta,  
University of the Basque Country and CNRS-LAAS, Toulouse, Agnietenkapel,  
Oudezijds Voorburgwal, 14 hr.

VUA

25-5 Sihan Ding, *Workflow Management in Call Centers: Forecasting, Staffing  
and Empirical Studies*, promotor: prof.dr. Rob van der Mei, prof.dr. Ger  
Koole, Aula, Boelelaan 1105, 13.45 u.

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### 4. Vacatures

University of Luxembourg

The Mathematics Research Unit of the University of Luxembourg has obtained a  
large grant from the Fonds National de la Recherche Luxembourg for its PhD  
programme and opens up to

9 positions for PhD candidates.

Number Theory, Arithmetic and Algebraic Geometry are among the areas covered  
by the grant.

Starting date: **1 September 2016** or later

Applications received on or before **10 May 2016** will be treated with priority.

For more information and applications, go to this [link](#).

Universiteit Antwerpen

Bij de onderzoeksgroep Toegepaste Wiskunde van de Universiteit Antwerpen is een vacature voor een doctoraatsstudent per 1 oktober 2016.

De voorkeur gaat uit naar kandidaten die een aantoonbare affiniteit hebben met de numerieke oplossing van differentiaalvergelijkingen in de financiële wiskunde.

Solliciteren kan online tot uiterlijk **29 mei 2016**.

Verder informatie over deze vacature is te vinden op de [website](#) .

Verdere inhoudelijke informatie kan worden verkregen bij: [Karel in 't Hout](#) .

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