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MEDEDELINGEN VAN HET KONINKLIJK WISKUNDIG GENOOTSCHAP, 2015 nr. 18
23 oktober(elektronische aflevering)
De eerstvolgende aflevering verschijnt omstreeks 6 november 2015.
Kopij kan worden gestuurd naar medwg@cwi.nl; agenda-items kunnen ook
worden aangeboden via de website www.wiskgenoot.nl

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1. Agenda
2. Vacatures

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

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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.

27-10   RUG: Colloquium Wiskunde
                 Prof.dr. J. van den Berg
                 Growth models where large clusters are frozen
                 16 u., 5161.0293 (Bernoulliborg)

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.

29-10   RUG: Colloquium Wiskunde
                 Wybe Rozema
                 *Low-dissipation methods and models for the simulation of
                 turbulent subsonic flow*
                 16 u., 5161.0293 (Bernoulliborg)

2-11   Tilburg: WONDER-afternoon
                 Time/location: 13 hrs, room CZ 6, Cobbenhagen building, Tilburg
                 University

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 *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
Invited speakers include: Gaetan Chenevier (CNRS, Univ. Paris Sud/Orsay), Neil Dummigan (Univ. Sheffield), Sebastian Schoennenbeck (Univ. Aachen).
They will feature in a special afternoon (on Friday) on *Lattices and automorphic forms*.
Website for information and registration

18-12   Leiden: Meetkunde in Wintertij/Geometry in Winter
A memorial symposium for Prof. dr. A.H.J.M. van de Ven
Speakers: K. Amerik, A. Beauville, F. Catanese, K. Hulek, C. Peters.
Website

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

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

    25/27-1-2016      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 (EGMO)
                      Organisator: Nederlandse Wiskunde Olympiade
                      Website, e-mail.

    29/30-5-2016      Eindhoven:  Benelux Wiskunde Olympiade (BxMo)
                      Organisator: Nederlandse Wiskunde Olympiade
                      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
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2. Vacatures

Department of Applied Mathematics

University of Twente

Two tenure track positions in Scientific Computing

The University of Twente (UT) is seeking researchers with an outstanding
record in Mathematics and its applications in Science and Engineering for
two tenure track positions in Scientific Computing within the Department of
Applied Mathematics.

Job description

We are looking for two highly talented research scientists whose focus is on
the development, analysis and application of computational tools, such as
finite elements and multiscale methods, for models described by ordinary and
partial differential equations. The successful candidate is expected to have
strong affinity with mathematical modeling and numerical mathematics. In
addition, the capability to develop collaboration between mathematics and
the multi-disciplinary research context at the University of Twente is
crucial. Particular focus is with forging connections with the MESA+
institute for Nanotechnology and with the MIRA institute for biomedical
technology and technical medicine. The candidate will actively participate

in the research within the Department of Applied Mathematics and develop a profile by collaborating with colleagues at MESA+ and MIRA.

It is important that a characteristic own research line within Scientific Computing is built for which external funding, such as within the NWO Innovational Research Incentives Scheme (VENI/VIDI/VICI) and within the European Research Council are acquired.

Requirements

We expect a strong track record of innovative research and publications in leading international journals, and the ambition and potential to acquire research grants. The candidate should be an independently working researcher with excellent communication skills. Training in Applied Mathematics, Theoretical Physics or equivalent is essential, with a strong focus on mathematical modeling and numerical analysis based on systems of ordinary and partial differential equations. The candidates will be involved in the teaching program of the Department of Applied Mathematics at the Bachelor and Master level, and are expected to transfer their specific expertise to the master program. The candidates are required to obtain the Basic Teaching Qualification (BKO).

Applications

Applications (including curriculum vitae, list of publications, research statement, and three names of potential references) can be submitted online to the University of Twente, attn. Prof.dr. P.M.G. Apers, Dean of the Faculty Electrical Engineering, Mathematics and Computer Science.

For more information please contact Prof.dr.ir. J.J.W. van der Vegt (phone +31 534895628, email or Prof.dr.ir. B.J. Geurts (phone +31 534894125, email.

Institut für Mathematik

Johannes Gutenberg-Universität Mainz

PhD positions in algebraic geometry

At the Mainz branch of the DFG-funded collaborative Research Center SFB/TRR 45 "Periods, Moduli Spaces, and the Arithmetic of Algebraic Varieties" a number of post-doc positions will be available in the near future. We are seeking highly motivated candidates with a strong background in algebraic geometry or an adjacent field. Good communication skills in English or German are desirable as well as a willingness to learn German within the first two years. Teaching duties are minimal with at most 2 contact hours per week.

Candidates are expected to conduct research in one of the focus areas of the SFB/TRR 45 which are represented in Mainz. For further information please refer to the webpage www.sfb45.de or contact one of the investigators in Mainz directly: Manuel Blickle, Manfred Lehn, Stefan Müller-Stach, Ariyan Javanpeykar, Duco van Straten, Kang Zuo.

The SFB/TRR45 is a DFG-funded research collective between the Universities Bonn, Essen and Mainz. The main focus is the education and training of young researchers (PhDs and post-docs) in the fields of algebraic and arithmetic geometry. There are numerous activities such as master classes, summer schools, seminars, conferences and doctoral student meetings, and members have other benefits, such as access to travel funds. It provides an ideal environment to further an academic career in algebraic or arithmetic geometry.

The positions are for 3 years (Entgeltgruppe 13 TV-L 75%) with a 6 month qualification period. Applications should include the following documents:

• Short Letter of intent

• Curriculum Vitae

- Copy of Highschool certificate and University degree

- Two letters of recommendation, one of which from your Master thesis advisor (mailed directly to us)

- Copy of Master thesis

Starting date of the positions is April 1st 2016 or later. For full consideration applications should arrive by December 10th 2016 as a single Pdf-file (publications/Master-thesis separately), to be mailed electronically to the address.   .

The Johannes Gutenberg-Universität Mainz (JGU) is committed to increase the number of women in science and therefore encourages female scientists to apply. Handicapped persons with equal qualifications will be preferred.

Secretary: Jutta Gonska +49 6131 392 2327, gonska@mathematik.uni-mainz.de

Mathematical Institute

University of Oxford

We invite applications for a

Postdoctoral research position

funded by EPSRC, to work with Dr Jonathan Pila. This is a fixed-term position up to 36 months. The post is available from 1 February 2015 until 31 January 2019 up to a maximum of 36 months (assuming a 1 February 2015 start).

The project is in collaboration with a grant held by Dr Gareth Jones at the University of Manchester. Its objectives are to prove new results in functional transcendence related to the uniformising maps of mixed Shimura varieties, using tools from model theory, and to apply these results in conjunction with other techniques from arithmetic and Diophantine geometry to certain finiteness questions in diophantine geometry related to the Zilber-Pink conjecture, and to questions in model theory.

The successful candidate will work on research projects related to the grant. There is also a requirement to teach up to four sets of undergraduate or graduate classes per year, determined by the demand for classes in specific areas.

Applicants should have a PhD in mathematics awarded or submitted (at the time of taking up the position), a strong record of research and publications, judged in accordance with career stage, and expertise in relevant parts of arithmetic and diophantine geometry.

Please direct informal enquiries to the Administrative Assistant, quoting vacancy reference 120661.

Applicants should read the job description before writing their application. You will be required to upload a letter setting out how you meet the selection criteria, a curriculum vitae including full list of publications, a statement of research interests and the contact details of two referees as part of your online application. (NOTE: Applicants are responsible for contacting their referees and making sure that their letters are received by the closing date).

Applications for this vacancy are to be made online. To apply for this post and for further details, including the job description and selection criteria, please click on the following link.

Only applications received before 12:00 noon UK time on Monday 16 November 2015 can be considered.

Committed to equality and valuing diversity.

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einde Mededelingen