

Registration and fees

Regular registration fee	160 Euro
Early registration fee payment by bank transfer before 30 June 2015	85 Euro
Registration fee	50 Euro
Student registration fee	
Accompanying persons	

The registration fee includes the cost for the conference dinner, for the excursion and for lunch in the Mensa for all days from Monday to Thursday. Separate lunch tickets for Friday can be bought in the conference office for 6 Euro.

On-site registration will be possible, but is not encouraged. We encourage payment by bank transfer by 31 August. Unfortunately, we cannot accept credit cards.

When registering as a student, please send confirmation of your student status to the organisers.

Accommodation

The City of Halle offers a wealth of accommodation for every budget.

Hotel “TRYP by Wyndham Halle”

The TRYP by Wyndham Halle offers special rates for participants of NUMDIFF-14. These rates include breakfast and with your hotel pass you can use the public transport within Halle for free. Please make your reservation directly at the hotel before 26 July 2015.

Youth Hostel

You can also book accommodation in the Youth hostel in Halle (Große Steinstr. 60).

Further information is available at the [conference web site](#).

Social programme

An **excursion** is planned for Wednesday, 09 September 2015, in the afternoon.

The **conference dinner** is held at the Hotel “TRYP by Wyndham Halle” on Thursday, 10 September, starting at 7 p.m.

NUMDIFF - 14

Numerical Solution of Differential and Differential- Algebraic Equations

07 - 11 September 2015
Halle (Saale), Germany



organised by

the Martin Luther University
Halle-Wittenberg



the Center for Mathematics and
Computer Science, Amsterdam

CWI

the Mathematical Institute of the University
of Utrecht



Universiteit Utrecht

Topics

The conference is devoted to all numerical aspects of differential equations and differential-algebraic equations.

Plenary Lectures

- Mike Botchev (Twente)
- Evelyn Buckwar (Linz)
- Elena Celledoni (Trondheim)
- Stephane Descombes (Nice/INRIA)
- Volker Grimm (Karlsruhe)
- Markus Grote (Basel)
- Jan Hesthaven (EPFL Lausanne)
- Zoltán Horváth (Győr)
- Melvin Leok (San Diego)
- Lorenzo Pareschi (Ferrara)
- Ignacio Romero (Madrid)
- Adrian Sandu (VirginiaTech)
- Jörg Wensch (Dresden)

Minisymposia

- Nonlinear evolution equations, organised by Alexander Ostermann (Innsbruck) and Eskil Hansen (Lund)
- Local and global error control issues in time stepping methods, organised by Gennady Kulikov (Lisbon) and Rüdiger Weiner (Halle)
- Geometric integration of partial differential equations, organised by Begoña Cano (Valladolid)
- Numerical PDEs in financial mathematics, organised by Karel in't Hout (Antwerp)
- More than 30 years of DAEs – special session dedicated to the 75th birthday of R. März

Contributed Papers

Participants are invited to present a 20 minute research talk. Proceedings of NUMDIFF-14 will be published as a special issue of the Journal of Computational and Applied Mathematics.

Scope

The Institute of Mathematics of the Martin Luther University Halle-Wittenberg, the Mathematical Institute of the University of Utrecht and CWI, the Center for Mathematics and Computer Science in Amsterdam, are organising the 14th Seminar "NUMDIFF" on Numerical Solution of Differential and Differential-Algebraic Equations.

The series of NUMDIFF seminars started at the Martin Luther University in 1981 with a focus on theory, practical aspects and applications of numerical solution methods for ordinary differential equations. Since the 1990s, differential-algebraic equations, (time dependent) partial differential equations and stochastic differential equations have become more and more important to the NUMDIFF audience.

The NUMDIFF seminars offer a platform for the discussion of recent results and new ideas in the field of numerical solution methods for differential and differential-algebraic equations that brings together well recognized experts and young researchers from Europe and all over the world.

Deadlines

30 June 2015

Registration and abstract submission for participants who plan to give a talk (contributed talks, talks in minisymposia, and plenary talks).
Payment of early registration fee by bank transfer.

26 July 2015

Special conference rate at the Hotel "TRYP by Wyndham Halle".

Venue

The Martin Luther University Halle-Wittenberg, with a history of more than 500 years, is a university in the central German industrial region of Halle-Leipzig. Today more than 20000 students are enrolled in courses offered by 9 faculties. Historic and also modern buildings of the university are spread out over the city centre, but most science and technology institutes are concentrated at the Weinberg Campus, where the conference will take place. This campus can be reached in 10 minutes by tram from the city centre and is embedded in the Weinberg Campus Technology Park.

Halle is well suited to host an international event like NUMDIFF. The airport Leipzig-Halle (LEJ) is close (30 km) and access by train and car is convenient. The conference location Weinberg Campus can be reached by public transport (tram) and by car.

Chairmen and Organisation

M. Arnold, H. Podhaisky, R. Weiner (Halle),
Willem Hundsdorfer (Amsterdam) and
Jason Frank (Utrecht)

Contact

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