



The German MATHEON and the Dutch 3TU.AMI together make up one of the largest mathematics consortia in Europe. Their mission is to bring the potential of modern applied mathematics to full use in key technologies and to support partners in industry, economy and science.

COR CORS de la Corte Cor Mathematical Solution Technologies

09:00 Registration

Welcome address 09:30

Frank Mollen, Deputy Ambassador of The Kingdom of The Netherlands to Germany

09:40 Introduction to the Problem & Plans

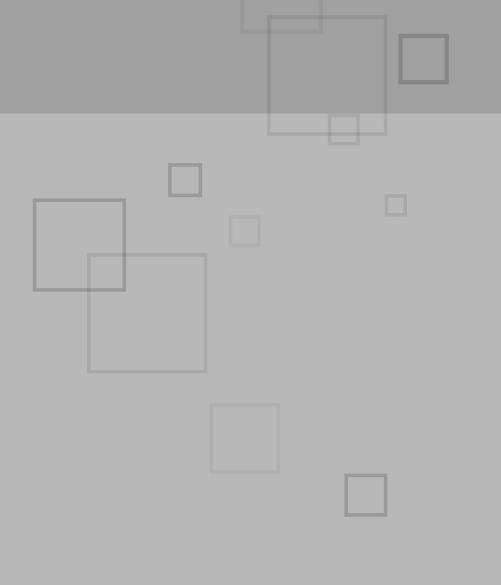
Bernard Geurts, Scientific Director 3TU.AMI, The Netherlands - Chair of morning session

10:00 STW's role in the Dutch Energy Research Policy

Chris Mombers, Vice Director, Technology Foundation STW, The Netherlands

The DFG Research Center MATHEON was founded in 2002. It is a joint initiative of the three Berlin universities (FU, HU and TU) and the mathematical research centers WIAS and ZIB. 3TU.AMI started in 2010 - it is one of the seven Centers of Expertise of the 3TU.Federation, combining the strengths of Applied Mathematics at the Universities of Technology at Delft, Eindhoven and Twente.

The Embassy of the Kingdom of the Netherlands in Berlin plays a key role in stimulating the AMI- MATHEON collaboration and hosts the launching workshop.



German Energy Policy 10:20

Knut Kübler, Head Division for Energy Research,

German Federal Ministry of Economics and Technology, Germany

New Rules on Capacity Management Since 2011 - Regulatory Aims and Measures 10.40

Markus Backes, Assistant Head of Section "Gas Transmission Network Access, International Gas Trading", Federal Network Agency, Germany

11:00 Break

Numerical Methods for Energy Network Optimization 11:30 Kees Vuik, Professor for Numerical Mathematics, Technical University Delft, The Netherlands 12:00 Impact of Liberalization on the Network Planning Piet Nienhuis, Project Manager "Gas Transport Services", Gasunie, The Netherlands

12:30 Lunch

15:15

13:30 **Program Summary**

Volker Mehrmann, Chairman MATHEON, Germany - Chair of afternoon session

13:45 From Simulation to Optimization

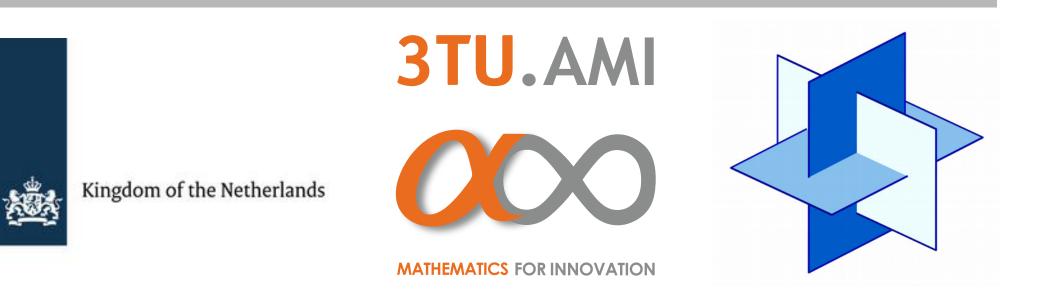
Martin Grötschel, Vice-President, Zuse Institute Berlin, Germany

14:15: Mathematical Optimization at Work

Thorsten Koch, Division Head, Zuse Institute Berlin, Germany

14:45 Challenges for OGE and the FORNE Project

Ludger Sax, Vice President,



Future chergy Networks hitiative

16:00

Closing / Reception

Paul Uwe Thamsen, 1st Vice-President of the Technical University Berlin

Volker Rieke, Director General European and International Cooperation, Ministry of

Ed Brinksma, Rector Magnificus of the University of Twente, representing the 3TU Federation, The Netherlands

Education und Research, Germany

Mark Dierikx, Director General Energy, Telecom and Markets in the ministry of Economics,

Speeches by:

Agriculture and Innovation, The Netherlands

Open Grid Europe, Germany