



5th European Congress of Mathematics

Including the 44th Nederlands Mathematisch Congres

14-18 July 2008

RAI Convention Center Amsterdam

Under auspices of the
European Mathematical Society
Under special patronage of the
Koninklijk Wiskundig Genootschap

**EARLY REGISTRATION
DEADLINE: 15 APRIL 2008**

● Minisymposia

Advances in Variational Evolution
Algebra in Optimization
Applications of Noncommutative Geometry
Applied Algebraic Topology
Combinatorics of Hard Problems
Coupled Cell Networks
Discrete Structures in Geometry and Topology
Galois Theory and Explicit Methods
Global Attractors in Hyperbolic Hamiltonian Systems
Graphs and Matroids
Hypoellipticity, Analysis on Groups and Functional Inequalities
Mathematical Challenges in Cellular Systems
Mathematical Finance
Mathematical Logic
Mathematics of Cryptology
Random and Quasi-periodic Operators
Representation Theoretical Methods and Quantization
Rough Path Theory
Singular Structures in Variational PDE's
Spectral Problems and Hilbert Spaces of Entire Functions
Spectral Theory
Weak Approximations of Stochastic Differential Equations

● Plenary Speakers

Luigi Ambrosio (Scuola Normale Superiore di Pisa)
Christine Bernardi (Université Paris VI, Paris)
Jean Bourgain (IAS Princeton)
Jean-François Le Gall (ENS and Université Paris VI, Paris)
François Loeser (ENS, Paris)
László Lovász (Eötvös Loránd University, Budapest)
Matilde Marcolli (Max Planck Institut, Bonn)
Felix Otto (Universität Bonn)
Nicolai Reshetikhin (University of California, Berkeley)
Richard Taylor (Harvard University, Cambridge USA)

● Science Lectures

Ignacio Cirac (Garching, Germany) on **Quantum Information Theory**
Tim Palmer (Reading, UK) on **Climate Change**
Jonathan Sherratt (Edinburgh, UK) on **Mathematical Biology**

● Ten Prize Lectures

● The Brouwer Lecture

● Historical Lecture

Dirk van Dalen (Utrecht) about **L.E.J. Brouwer**

● The Beeger Lecture

● Invited Lectures (preliminary list)

Nalini Anantharaman (Palaiseau)
Artur Avila (Paris)
Christoph Böhm (Münster)
Annalisa Buffa (Pavia)
José A. Carrillo (Barcelona)
Nils Dencker (Lund)
Bas Edixhoven (Leiden)
Manfred Einsiedler (Columbus OH)
László Erdős (München)

Nicola Fusco (Napoli)
Søren Galatius (Stanford CA)
Dmitry Kaledin (Moscow)
Nikita Karpenko (Paris)
Arno Kuijlaars (Leuven)
Miklós Laczkovich (Budapest)
Michel Ledoux (Toulouse)
Wolfgang Lück (Irvine CA)
Yvan Martel (Versailles)

Sergei Merkulov (Stockholm)
Ralf Meyer (Göttingen)
Oleg Musin (Moscow)
Nikolai Nadirashvili (Marseille)
Jaroslav Nesetril (Praha)
Yuval Peres (Berkeley CA)
Laure Saint-Raymond (Paris)
H. Mete Soner (Istanbul)
Christoph Schweigert (Hamburg)

Balázs Szegedy (Toronto)
Constantin Teleman (Edinburgh)
Ana Vargas (Madrid)
Frank Wagner (Villeurbanne)
Reinhard Werner (Braunschweig)
Andreas Winter (Bristol)
Ragnar Winther (Oslo)
Stanislaw L. Woronowicz (Warszawa)

● Chairman of the Scientific Committee:

Lex Schrijver (CWI and University of Amsterdam)

● Chairman of the Prize Committee:

Rob Tijdeman (Leiden University)

● Local organizing Committee:

• André Ran
(Free University Amsterdam), chairman
• Jan Wiegerinck
(University of Amsterdam)
• Herman te Riele
(CWI Amsterdam)

● Congress Secretariat:

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