

# Mn $\Phi$ ICMP09 PRAGUE



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#### PLENARY SPEAKERS:

Vladimir Bazhanov (ANU Canberra)  
Demetrios Christodoulou (ETH Zürich)  
Lance Dixon (SLAC)  
Bertrand Duplantier (CEA Saclay)  
László Erdős (LMU München)  
Alice Guionnet (ENS Lyon)  
Philip Holmes (Princeton University)  
Roberto Longo (Università di Roma)  
Jens Marklof (University of Bristol)  
Vieri Mastropietro (Università di Roma)  
Nikita Nekrasov (IHÉS, Bures-sur-Yvette)  
Alessandro Pizzo (UC Davis)  
Petr Šeba (Czech Academy of Sciences)  
Robert Seiringer (Princeton University)  
Sylvia Serfaty (Courant Institute)

#### TOPICAL SESSIONS:

**MECHANICS AND DYNAMICAL SYSTEMS**  
(including integrable systems and Hamiltonian stability)  
Igor Krichever, Lai-Sang Young

**EQUILIBRIUM STATISTICAL MECHANICS**  
(classical and quantum)  
Marek Biskup, David Brydges

**NON-EQUILIBRIUM STATISTICAL MECHANICS**  
(including stochastic evolutions except SLE and Boltzmann equation)  
Herbert Spohn, Horng-Tzer Yau

**PDE'S**  
(fluid dynamics, wave equation and NLSE, Boltzmann equation, general relativity, and elasticity)  
Sergiu Klainerman, Grigory Seregin

**PROBABILITY THEORY**  
(including random matrices and SLE)  
Yuval Peres, Wendelin Werner

**OPERATOR ALGEBRAS**  
(including noncommutative geometry)  
Detlev Buchholz, Masaki Izumi

**NONRELATIVISTIC QUANTUM MECHANICS**  
(including quantum information)  
Nilanjana Datta, Peter Kuchment

**STRING THEORY AND QUANTUM GRAVITY**  
Gary Gibbons, Hermann Nicolai

**QUANTUM FIELD THEORY**  
(including field theoretic methods in condensed matter)  
Krzysztof Gawędzi, Manfred Salmhofer

**MANY-BODY QUANTUM MECHANICS**  
(condensed matter, nanoscale, elasticity)  
Gian Michele Graf, Jakob Yngvason

**NEW FRONTIERS IN MATHEMATICAL PHYSICS**  
Yosi Avron, Ruth Durrer, Israel Michael Sigal

#### YOUNG RESEARCHER SYMPOSIUM, JULY 31-AUGUST 1

#### SPEAKERS INCLUDE:

Rafael Benguria, Anna De Masi, Helmut Hofer,  
Wei-Min Wang, Reinhard Werner

## XVI International Congress on Mathematical Physics Prague, August 3–8, 2009

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SATELLITE MEETINGS, ETC., SEE THE CONGRESS PAGE

[www.icmp09.com](http://www.icmp09.com)