



## 10th Quantum Mathematics International Conference Moeciu, Romania, September 10 - 15, 2007

# QMath 10 MOECIU 2007



This conference, the 10- th in the Series of Qmath Conferences, is organized by the Institute of Mathematics "Simion Stoilow" of the Romanian Academy, under the ESF Programme SPECT and the Cex Programme EU-ANAMAT of the Romanian Government with partial support from the Romanian Ministry of Foreign Affairs and Softwin - Software and Services.

**Scientific Committee:**  
**Yosi Avron** - *Tel Aviv, Israel*  
**Pavel Exner** - *Prague, Czech Republic*  
**Bernard Helffer** - *Paris, France*  
**Ari Laptev** - *London, Great Britain & Stockholm, Sweden*  
**Gheorghe Nenciu** - *Bucharest, Romania*  
**Heinz Siedentop** - *Munich, Germany*



### Invited Plenary Speakers

**Maria Esteban** – *Universite Paris - Dauphine*  
**Gian Michele Graf** – *ETH Zurich*  
**Alain Joye** – *Universite "Joseph Fourier", Grenoble*  
**Christian Maes** – *Katolieke Universitet Leuven*  
**Radu Purice** – *IMAR Bucharest*  
**Robert Seiringer** – *Princeton University*  
**Maciej Zworski** - *University of California, Berkeley*

**Francois Germinet** – *Universite Cergy - Pontoise*  
**Christian Hainzl** – *University of Alabama, Birmingham*  
**Rowan Killip** – *UCLA*  
**Sandu Popescu** – *University of Bristol*  
**Petr Seba** - *Institute of Physics, Czech Academy of Sciences, Prague*  
**Ricardo Weder** – *IIMAS Mexico*

### Parallel Sections

#### Topics:

**Schrodinger Operators & Inverse Scattering**  
 Organizer: Arne Jensen - Aalborg University

**Random Schrodinger Operators & Random Matrices**  
 Organizer: Frederic Klopp - Université Paris 13

**Condensed Matter & Open Systems**  
 Organizer: Valentin Zagrebnov - CPT - Marseille

**Pseudodifferential Operators & Semiclassical Analysis**  
 Organizer: Francis Nier - Université Rennes 1

**Quantum Field Theory & Relativistic Quantum Mechanics**  
 Organizer: Volker Bach - "Johannes Gutenberg" Universität - Mainz

**Quantum Information**  
 Organizer: Dagmar Bruss - "Heinrich Heine" Universität Dusseldorf

#### Invited Talks:

Arne Jensen - Aalborg University  
 Johanna Michor - Imperial College London  
 Erik Skibsted - University of Aarhus  
 Frederic Klopp - Université Paris 13  
 Peter Muller - Goettingen University  
 Horia Cornean - Aalborg University  
 Mathieu Lewin – Université Cergy-Pontoise  
 Claude-Alain Pillet - Université du Sud Toulon – Var  
 Daniel Ueltschi - University of Warwick  
 Frédéric Hérau- Université de Reims  
 Francis Nier - Université Rennes 1  
 Volker Bach - "Johannes Gutenberg" Universität - Mainz  
 Jean Bernard Bru – "Johannes Gutenberg" Universität - Mainz  
 Enno Lenzmann- Massachusetts Institute of Technology  
 Dagmar Bruss - "Heinrich Heine" Universität Dusseldorf  
 Nilanjana Datta - Cambridge University  
 Pawel Horodecki - Gdansk University of Technology

**Local Organizing Committee:**  
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