

Opening Colloquium of the Center of Mathematical Physics

Program as of October 16, 2005

Thursday, October 20:

- 14.00 Opening of the center of mathematical physics.
 Addresses:
 Prof. Dr. Karl-Werner Hansmann, Vice-President of Hamburg University
 Prof. Dr. Rolf-Dieter Heuer, Vice Chair of DESY
 Prof. Dr. Arno Frühwald, Dean of the Faculty of Mathematics, Informatics and Natural
 Sciences
 Prof. Dr. Arthur Jaffe, Member of the international advisory board
- 14.30-15.30 Nikita Nekrasov (IHES, Bures-sur-Yvette):
 "*Chiral Algebras, pure Spinors and Superstrings*"
- 15.30-16.00 Coffee
- 16.00-17.00 Roberto Longo (Rome)
 "*The Structure and Classification of local conformal nets*"
- 17.15-18.15 Nicolai Reshetikhin (Berkeley):
 "*Discrete Dirac operators and dimer models*"

Friday, October 21:

- 09.00-10.00 Philippe Di Francesco (Saclay):
 "*Combinatorics and Physics: The Miracles of Integrability*"
- 10.30-10.30 Coffee
- 10.30-11.30 Tudor Ratiu (Lausanne):
 "*Symmetry in infinite dimensional systems*"
- 11.45-12.45 John Cardy (Oxford):
 "*SLE - a new way of thinking about Conformal Field Theory*"
- 15.00-16.00 Robbert H. Dijkgraaf (Amsterdam):
 "*Topological strings and black holes*"
- 16.00-16.30 Coffee
- 16.30-17.30 Robert M. Wald (Chicago):
 "*Quantum Field Theory in Curved Spacetime*"
- 17.45-18.45 Alexander Zamolodchikov (Rutgers):
 "*2D QFT and amplitudes of subleading critical singularities.*"
- 20.00 Conference dinner, Hotel Norge, Schäferkampsallee 49

Saturday, October 22:

- 09.30-10.30 Martin Zirnbauer (Cologne):
 "*From Random Matrices to Supermanifolds*"
- 10.30-11.00 Coffee
- 11.00-12.00 Matthias Staudacher (Potsdam):
 "*Integrability and the AdS/CFT Correspondence*"
- 12.15-13.15 Nigel Hitchin (Oxford):
 "*Generalized Geometries*"

All talks take place in lecture hall C of the main building of Hamburg University.