

Workshop on the AGT conjecture

5.3. - 10.3.2012*

The workshop's intention is to bring together experts in two dimensional conformal field theory and four dimensional supersymmetric Yang-Mills theories to discuss the overlap of the two fields as suggested by AGT.

Preliminary program

Monday 5.3.2012

- 11:00 Uhr A. Klemm, The Omega deformation of rigid N=2 theories
14:30 Uhr A. A. Belavin, Instantons, localization and Nekrasov's partition function

Tuesday 6.3.2012

- 10:00 Uhr A. Litvinov, Introductory lecture (not only for experts)
11:15 Uhr A. Litvinov, AGT basis in CFT
14:30 Uhr R. Poghossian, Instantons on ALE spaces

Wednesday 7.3.2012

- 10:00 Uhr M. Bershtein, Instanton moduli spaces and coset CFT's
14:30 Uhr U. Bruzzo, Moduli spaces of framed sheaves, Nakajima operators...

Thursday 8.3.2012

- 10:00 Uhr J. Teschner, Quantization of moduli spaces and the AGT correspondence
14:30 Uhr N. Wyllard, Old & new AGT-type relations

Friday 9.3.2012

- 10:00 Uhr R. Poghossian, Deformed SW curve and classical conformal blocks
11:00 Uhr A. Litvinov, t.b.a.
14:30 Uhr L. Hadasz, t.b.a.
15:30 Uhr M. Finkelberg, t.b.a.

Saturday 10.3.2012

- 10:00 Uhr M. Finkelberg, t.b.a.
11:30 Uhr M. Tarnopolsky, t.b.a.
14:30 Uhr V. Rubtsov, t.b.a.

*** To be held at the Bethe Center for Theoretical Physics (bctp), Physikalisches Institut, University of Bonn, Wegelerstraße 10, 53115 Bonn (2nd floor)**