



# Annual Meeting of the Heidelberg Graduate School of Fundamental Physics

April 11 2008 , 2 p.m., Kirchhoff Institute for Physics, INF 227 HS 1

Chairperson: Eva Grebel

|             |                                                                                     |                                                                                                                 |
|-------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 2:00 - 2:30 |    | Annual Report of the Graduate School<br><b>Peter Schmelcher</b>                                                 |
| 2:30 - 2:50 |   | The Formation of the First Stars and Galaxies<br><b>Thomas Greif</b>                                            |
| 2:50 - 3:10 |  | Randomization and equilibration in many-body quantum systems:<br>where are the limits?<br><b>Boris Fine</b>     |
| 3:10 - 3:30 |  | Transport in nanostructures:<br>what can we learn from the charge transfer statistics?<br><b>Andreas Komnik</b> |
| 3:30 - 3:50 |  | Student projects<br><b>Bernd Hezel and Marc Deissenroth</b>                                                     |
| 3:50 - 4:15 |  | Break                                                                                                           |

Chairperson: Christian Enss

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| 4:15 - 4:30  |  | IMPRS-HD<br><b>Christian Fendt</b> (MPI-A Heidelberg)                                                                                          |
| 4:30 - 4:45  |  | IMPRS-QD<br><b>Dieter Bauer</b> (MPI-K Heidelberg)                                                                                             |
| 4:45 - 5:15  |  | In the complex plane classical mechanics and quantum<br>mechanics are very much alike!<br><b>Carl Bender</b> (Washington University St. Louis) |
| 5:15 - 6:15  |  | Physics Colloquium<br>t.b.a.<br><b>Wojciech H. Zurek</b> (Los Alamos National Laboratory, USA)                                                 |
| From 6:15 on |  |                                                                                                                                                |
|              |  | Social Gathering with Entertainment by Jazzimov                                                                                                |