

## 18th Workshop on "Foundations and Constructive Aspects of QFT" 2006

II. Institut für Theoretische Physik der Universität Hamburg

### Program

#### Friday, 12th May

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|-------------|---------------------------------|--|
| 15:00-15:45 | Nikolay Nikolov<br>(Göttingen)  | Harmonic bilocal fields and their representations                            |
| 15:45-16:30 | Ferdinand Brennecke<br>(Zürich) | Considerations to the fulfillment of the MWI in perturbative algebraic QFT   |
|             | Coffee Break                    |  |
| 17:15-17:45 | Reinhard Lorenzen<br>(Hamburg)  |  |
| 17:45-18:30 | Pedra Walter (Leipzig)          | Zur mathematischen Theorie der Fermiflüssigkeiten bei positiven Temperaturen |
|             | Dinner                          |  |

#### Saturday, 13th May

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|-------------|-----------------------------------|--|
| 9:30-10:15  | Gianpiero Mangano<br>(Napoli)     | Shadows of noncommutative spacetime in cosmology                                   |
|             | Coffee Break                      |  |
| 10:45-11:30 | Christoph Schweigert<br>(Hamburg) | Remarks on rational conformal field theories on unoriented surfaces                |
| 11:30-12:15 | Christoph Dehne<br>(Leipzig)      | On the path integral in time/space non-commutative theories                        |
|             | Lunch                             |  |
| 13:30-14:15 | Giuseppe Ruzzi (Rom)              | A cohomological description of connections and curvature over posets               |
| 14:15-15:00 | Volker Bach (Mainz)               | Re-Expansion of Ground State and Scattering Matrix Elements in Nonrelativistic QED |