
21. Workshop "Foundations and Constructive Aspects of QFT"

Institut für Theoretische Physik, Universität Göttingen
January 25-26, 2008

[Participants](#)
[Info](#)

(Beamer, notebook, projector and black board are available.)

Program

Friday, January 25, 2008

Time	Speaker	Title
14:00-14:55	Andreas Thom (Göttingen)	Open problems in the theory of von Neumann algebras and their connection with physics
14:55-15:50	Walter van Suijlekom (Nijmegen)	Renormalization of gauge fields
Coffee break		
16:30-17:25	Andre Henriques (Utrecht)	Topological defects between conformal nets
17:25-18:20	Nicola Pinamonti (Hamburg)	Solutions of the semiclassical Einstein equations with applications in cosmology
Dinner		

Saturday, January 26, 2008

Time	Speaker	Title
9:00-9:45	Christoph Dehne (Leipzig)	On positivity and normalization for a quantum field theory on non-commutative space-time
9:45-10:30	Jesper Grimstrup (Copenhagen)	A spectral triple of quantum gravity
Coffee break		
11:00-11:45	Giuseppe Ruzzi (Rome)	Quantum charges and spacetime topology
11:45-12:30	Ko Sanders (York)	The Reeh-Schlieder property in locally covariant QFT
Lunch break		
14:30-15:15	Pedro Lauridsen Ribeiro (Hamburg)	Locally covariant algebraic holography in asymptotically AdS spacetimes
15:15-16:00	Matthias Huber (München)	Die Lebensdauer quasistationärer Zustände in der nicht-relativistischen QED
