
15. Workshop "Foundations and Constructive Aspects of QFT"

Institut für Theoretische Physik, Universität Göttingen
January 21-22, 2005

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

Program

Friday, January 21, 2005

Time	Speaker	Title
14:30-15:25	Sergio Doplicher (Rome)	Quantum spacetime and quantum field theory
15:25-16:20	Tobias Reichenbach (Leipzig)	Retarded functions: a perturbative approach to non-commutative theories
Coffee break		
16:50-17:45	Klaus Sibold (Leipzig)	Quantized equations of motion in non-commutative theories
17:45-18:40	Christoph Dehne (Leipzig)	Perturbative aspects of spectral representations for a QFT on space/time NC Minkowski space
Dinner		

Saturday, January 22, 2005

Time	Speaker	Title
9:00-9:55	Rainer Verch (Leipzig)	Entanglement in algebraic QFT
9:55-10:50	Matthias Schmidt (Leipzig)	On the topological structure of the configuration space of lattice QCD
Coffee break		
11:20-12:15	Paolo Camassa (Göttingen)	Haag duality for quasi-free and KMS states of the scalar free field
12:15-13:10	Benjamin Bahr (Golm)	Local equilibrium states of massless fermions
Lunch break		
14:40-15:35	Wojciech Dybalski (Göttingen)	Haag-Ruelle scattering theory in presence of massless particles
15:35-16:30	Stefan Hollands (Göttingen)	Stress tensor conservation in interacting field theories in curved spacetime