
23. Workshop

"Foundations and Constructive Aspects of QFT"

Institut für Theoretische Physik, Universität Göttingen
January 30-31, 2009

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

(Beamer, notebook, projector and black board are available. If you want to use the beamer, please bring your PDF on a memory stick.)

Program

Friday, January 30, 2009

Time	Speaker	Title
14:00-14:55	Klaas Landsman (Nijmegen)	Truth in algebraic quantum theory
14:55-15:50	Axel de Goursac (Paris)	Noncommutative differential calculus and application to gauge theory on Moyal space
Coffee break		
16:30-17:25	Thomas Hack (Hamburg)	Remarks on the expected stress tensor of quantized Dirac fields on curved backgrounds
17:25-18:20	Andreas Degner (Leipzig)	Cosmological particle creation in states of low energy
Dinner		

Saturday, January 31, 2009

Time	Speaker	Title
9:00-9:45	Klaus Sibold (Leipzig)	Conjugate variables in QFT and natural symplectic structures
9:45-10:30	Stefan Waldmann (Freiburg)	Complete positivity of Rieffel's deformation quantization by actions of \mathbf{R}^d
Coffee break		
11:00-11:45	Benjamin Bahr (Golm)	On the quantization of connection theories with categories
11:45-12:30	Fabio Ciolli (Rome)	Net cohomology and models
Lunch break		
14:30-15:15	Kai Johannes Keller (Hamburg)	Euclidean Epstein-Glaser Renormalization
15:15-16:00	Pedro Lauridsen Ribeiro (Hamburg)	Towards a nonperturbative construction of retarded Møller operators in classical field theory
