

**16th Workshop on  
"Foundations, Constructive and Background Independent  
Aspects of QFT",  
AEI Golm, July 8+9, 2005**

**Programme**

**Friday, July 8, 2005**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
14:15	Greeting	
14:30-15:25	Stephen J. Summers (Gainesville)	<a href="#"><u>Modular Structure and the Construction of Quantum Field Models</u></a>
15:25-16:20	Mario Paschke (Leipzig)	Causal parametrices and Lorentzian spectral geometry without classical time
<b>Coffee break</b>		
16:50-17:45	Tobias Schlegelmilch (Hamburg)	How to solve the time dependent Schroedinger equation by extending operators
17:45-18:40	Nikolay Nikolov (Göttingen)	Ellipticity of thermal correlation functions in a globally conformal invariant QFT
<b>Dinner</b>		

**Saturday, July 9, 2005**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
9:30-10:25	Ansgar Schneider (Göttingen)	On the Generated Algebra of the Scalar Wick Square of a Conformally Covariant Vector Field and its Relation to Wightman Positivity
<b>Coffee break</b>		
11:00-11:55	Michael Dütsch (Zürich)	<a href="#"><u>BRS-symmetry and perturbative gauge invariance in classical gravity</u></a>
11:55-12:50	Piotr Marecki (Krakau)	<a href="#"><u>On the back-reaction problem for quantum fields in static spacetimes</u></a>
<b>Lunch break</b>		
14:00-14:55	Wojtek Kaminski (Warschau)	<a href="#"><u>Background Independent Quantizations of Scalar Field</u></a>
14:55-15:50	Johannes Brunnemann (Golm)	<a href="#"><u>On (Cosmological) Singularity Avoidance in Loop Quantum Gravity</u></a>