ESI **The Erwin Schrödinger International Institute for Mathematical Physics**

Boltzmanngasse 9/2
A-1090 Vienna, Austria

ZVR 298034776

Quantum Field Theory on Curved Space-times and Curved Target Spaces

organized by S. Hollands, M. Gaberdiel, V. Schomerus and J. Yngvason (March 22 - 26, 2010)

Monday, March 22

14:00	*Coffee*	
14:30	I. Runkel	*Conformal Field Theory with Boundaries*

Thuesday, March 23

10:00	T. Gannon	*The Exoticness and Realisability of Haagerup-Izumi Modular Data*
14:00	*Coffee*	
14:30	H. Olbermann	*Vertex Algebras in Quantum Field Theory*

Wednesday, March 24

10:00	N. Nikolov	*Field Equations in Vertex Algebras*
14:00	*Coffee*	
14:30	T. Gannon	*Modular Invariants and twisted equivariant K-theory*

Thursday, March 25

10:00	D. Kreimer	*Powercounting in Quantum Gravity*
14:00	*Coffee*	
14:30	R. Brunetti	*Boundary bulk correspondence for double cones and its Tomita-Takesaki modular aspects*
16:00	R. Wald	*Self-Force and Back-Reaction on a Classical Point Charge*

Friday, March 26

11:00	K. Fredenhagen	*A Forest Formula for Epstein-Glaser Renormalization*
14:00	*Coffee*	
14:30	M. Salmhofer	*tba*

All lectures take place in the ESI Boltzmann Lecture Hall.