Schedule

Third Workshop on
"Time Asymmetric Quantum Mechanics and Rigged Hilbert Space Mathematics"
August 7-11, 2000
Department of Physics, Metallurgy and Material Science - Research Group Doebner

Monday—7 Aug

10.00	Opening: Bohm/Doebner	
10.05	Haag	Trying to Divide the Universe: Events, Causal Ties, Space-Time I
10.35	Mondragón	Doublets and Accidental Degeneracy of Resonances
11.35	Break	
12:00	Simonius	Characterization of Convex State Space by Orthoseparation Properties
13.00	Lunch	
14.30	Kossakowski	Reduced Dynamics in Markovian Approximation
15.30	Strauss	Mathematical Aspects of Quantum Lax-Philips Theory
16.00	Break	
16.30	Czachor	Complete Positivity is Physically Irrelevant for Nonlinear Evolutions
17.00	Discussion	

Tuesday—8 Aug

9.00	Kielanowski	Decays and Gamow States
10.00	Bohm	Relativistic Gamow Vectors and Poincaré Semigroup Representations
11.00	Break	
11.30	Blum	Kinematic Variables of Unstable States
12.30	Saller	Lorentz Compatible Description of Unstable Particles
13.00	Lunch	
14.30	Saller, Blum, Wickramasekara	Discussion
15.30	Harshman	Selecting the Mass and Width of Relativistic Resonances
16.00	Break	
16.30	Simonius	Description of Unstable Particles by Nonunitary Irreducible Representations of the Poincaré Group

Wednesday—9 Aug

9.00	Belavkin	Quantum Stochastic as an Ultrarelativistic Limit
10.00	Benatti	Complete Positivity and Irreversibility
11.00	Break	
11.30	Antoniou	Irreversible Extension of Dynamical Evolution of Unstable Systems
12.30	Karpov	Gamow Algebras on Rigged Fock Space and Time Scales for Zeno Effect
13.00	Lunch	
14.30		
15.00	Scurek	Description of Unstable Particles
15.30	Kapuscik	The Puzzle of t_0
16.00	Break	
16.30	Accardi	

Thursday—10 Aug

9.00	Accardi	The Stochastic Resonance Principle
10.00	Benatti	Complete Positivity and Irreversibility
11.00	Break	
11.30	Antoniou	Irreversible Extension of Dynamical Evolution of Unstable Systems
12.30	Karpov	Gamow Algebras on Rigged Fock Space and Time Scales for Zeno Effect
13.00	Lunch	
15.00	Belavkin	Causality—The True Heisenberg Principle and the True Schrödinger Equation
15.30	Scurek	Description of Unstable Particles in Quantum Field Theory
16.00	Kapuscik	The Puzzle of t_0
16.30	Break	
17.00	Discussions	