

Program for the Boltzmann-Symposium Munich, October 11-13, 2006

Lecture Hall: B051 (near exhibition)

October 11, Chairs: D. Dürr, H. Spohn

10:00-11:00	D. Lindley	Boltzmann's influence on modern physics
11:00-12:00	R. Penrose	Boltzmann's entropy: What underlies the second law?
12:00-14:00	<i>Lunch break</i>	
14:00-15:00	C. Villani	H-Theorem and long-time behavior
15:00-15:30	<i>Coffee break</i> (Social room B448)	
15:30-16:30	R. Esposito	On the derivation of the Boltzmann equation from quantum particle systems
16:30-17:30	D. Szasz	Ergodicity of hard sphere systems

October 12, Chairs: L. Erdős, N. Zanghì

10:00-11:00	J.L. Lebowitz	Time's Arrow and Boltzmann's Entropy in Classical and Quantum Mechanics
11:00-12:00	G. Gallavotti	Boltzmann and the foundations of Statistical Mechanics
12:00-14:00	<i>Lunch break</i>	
14:00-15:00	W. Wagner	Stochastic models and numerical algorithms for the Boltzmann equation
15:00-15:30	<i>Coffee break</i> (Social room B448)	
15:30-16:30	S. Goldstein	Boltzmann's notion of probability
16:30-17:30	T. Maudlin	What is objective about probability?
18:00-18:45	Session on Human Rights	chaired by J. L. Lebowitz

19:00 Conference Dinner at Café Greco, Neue Pinakothek

October 13, Chairs: G. F. Dell'Antonio, M. Kiessling

10:00-11:00	T. Damour	Black hole entropy
11:00-12:00	E. Frey	Brownian Motion
12:00-14:00	<i>Lunch break</i>	
14:00-15:00	H. van Beijeren	Applications of the Boltzmann equation in dynamical systems theory
15:00-15:30	<i>Coffee break</i> (Social room B448)	
15:30-16:30	H. Posch	Molecular dynamics of hard spheres
16:30-17:30	J. Bricmont	Dynamical versus Bayesian foundations of statistical mechanics