

## PROGRAMME

**Thursday – February 28, 2002**

– *Chairman James R. Hurford* –

9:00            **Klaus Mainzer, "Information Dynamics in Nature and Society. *An Interdisciplinary Approach*"**

10:00            **Holger Lyre, "Philosophy of Physics and the Concept of Information"**

11:00–11:30            – *Coffee Break* –

11:30            **Edmund Wascher, "An Integrative Approach to Human Information Processing: From Pawlows Dog to Functional Imaging"**

12:15            **Rainer E. Zimmermann, "Spin Networks as Channels of Information Processing"**

13:00 –                            – *Lunch* –  
14:30

– *Chairman Viacheslav Prelov* –

14:30            **Jozef Gruska, "Quantum Computation"**

15:15            **Alexander S. Holevo, "On Entanglement–assisted Capacity of Quantum Channel"**

16:00 –                            – *Coffee Break* –  
16:30

16:30            **Andreas Winter, "Quantum Data Compression: The State of the Art"**

17:15–18:00    **Jozef Gruska, "Quantum Multipartite Entanglement"**