

Time and Matter

An International Colloquium on the Science of Time

August 11 - 17, 2002 at Venice International University, Italy

Topics:

Precise measurements of time
Arrow of time in classical and quantum physics
Tunneling time and various paradoxa in quantum physics
Matter, antimatter and microscopic time reversal asymmetry
Time in quantum cosmology
Elementary particles as black holes
Did time and its arrow have a beginning ?
Time and physical constants
Are time and space quantized ?

Chairmen:

Ikaros Bigi (Notre Dame)
Martin Faessler (Munich)

Contact:

M. Dlaboha, U. Fuchs

<http://www-munich.cern.ch/tam>

Organizations:

Ludwig-Maximilians-Universität München, FRG
University of Notre Dame du Lac, Indiana, USA
Maier-Leibnitz-Laboratorium, München, FRG
Max-Planck-Institut für Quantenoptik, Garching, FRG

Supported by:

Bundesministerium für Bildung und Forschung, FRG
Heraeus-Stiftung, FRG

Invited Speakers:

E.Blucher (Chicago), R.Chiao (Berkeley), T.Hänsch (Munich), D. Hitlin (Pasadena),
G. 't Hooft (Utrecht), D.Howard (Notre Dame), C.Jarlskog (CERN/Lund), E.Joost (Schenefeld),
S. Karshenboim (St. Petersburg), C.Kiefer (Cologne), E.Peik (Braunschweig), L.Stodolski (Munich),
L.Susskind (Stanford), G.Veneziano (Geneva), L.Wang (New Jersey), J. Wess (Munich),
W.Zurek (Los Alamos)

International Advisory Committee:

D.Howard (Notre Dame), H.Nicolai (Potsdam), L.Okun (Moscow), J.Steinberger (Geneva),
V.Telegdi (Zürich), H.Walther (Munich), B.Winstein (Chicago), H.D.Zeh (Heidelberg)