



# Non-local signal transfer between atomic nuclei

Vision of a superluminal signal transfer  
December 2008

Eckhard Kantz  
Ganghoferstr. 6  
82299 Türkenfeld / Munich  
phone: +49 8193 9374745  
mailto:[e.kantz@wegalink.eu](mailto:e.kantz@wegalink.eu)

# Roadmap of my research work

<http://wegalink.eu/time.ppt> Update: 2009-08-0

From listening to radio astronomy lectures a picture about our time came up where time was a live physical medium that is capable of performing oscillations and of transferring signals:

- relationship to Albert Einstein's General Relativity Theory
- system for detecting phenomena of a dynamic time
- vision for a „next generation“ 3D measurement system
- system for generating time (gravity) oscillations
- vision for an instant understandable long distant communication

Eckhard Kantz  
Ganghoferstr. 6  
82299 Türkenfeld / Munich  
phone: +49 8193 9374745  
<mailto:e.kantz@wegalink.eu>

# Albert Einstein's General Relativity



- time flow depends on gravity and is decreasing in a valley
- confirmation 1971 when flying with atomic clocks in air planes
- correction factors provide for precise location info from GPS system
- ultra-precise time by caesium clock  
9 192 631 770 Hz



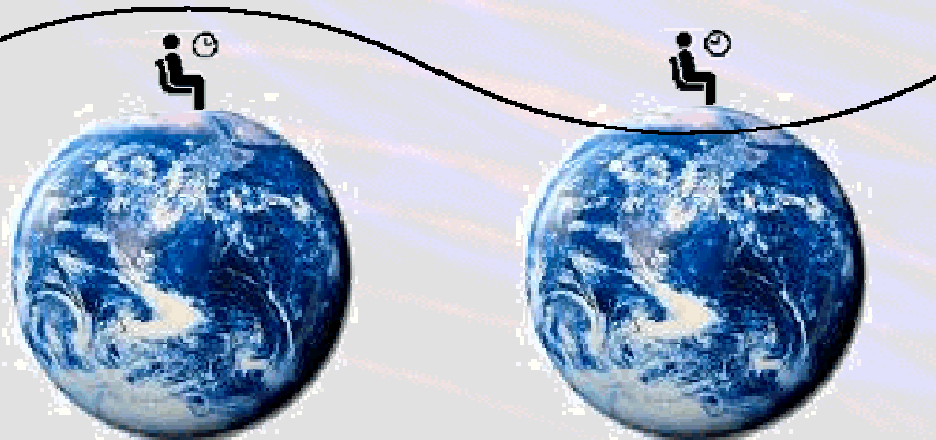
# The moon as timewave generator



## Time flow oscillation

[femto sec/sec]

+ 2.35  
0  
- 2.35



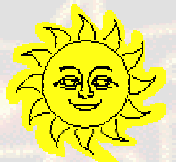
- Moon below feet increases the flow of time

- Moon overhead decreases the flow of time

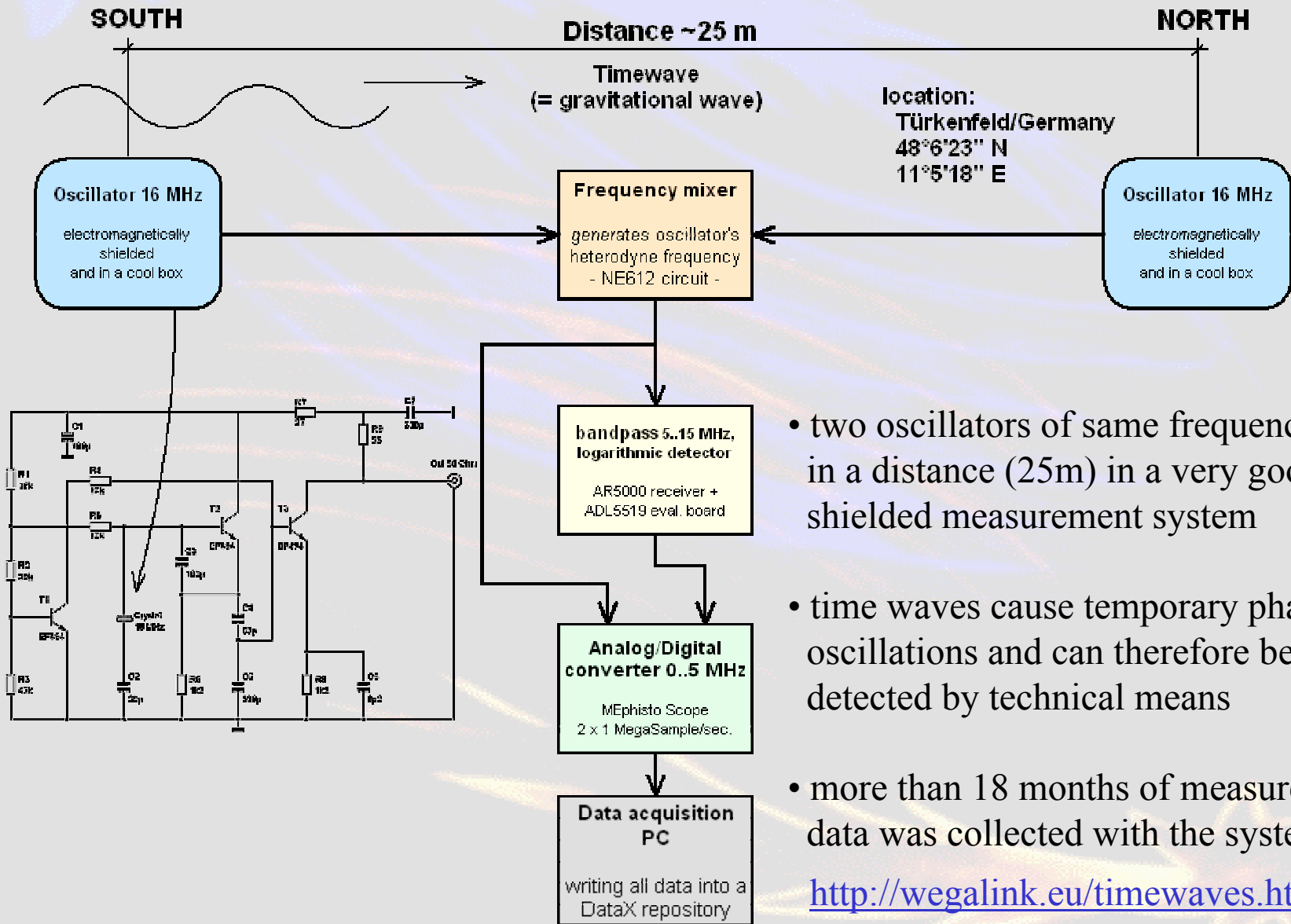
- The time flow oscillates with 4.7 fs accordingly to General Relativity  
(1 fs = 1 femto second = 1 E-15 seconds)

- for example solar surface time flow is slowed down by about 2 microseconds („spacetime curvature“)

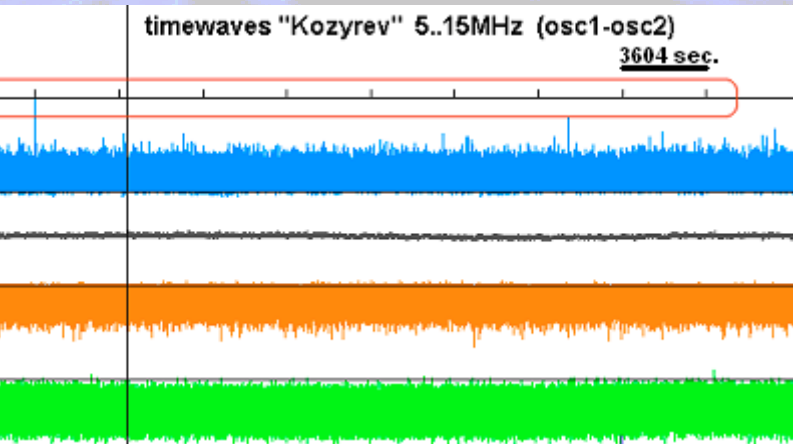
- 2 microsec. / sec.



# Two crystals as timewave detector

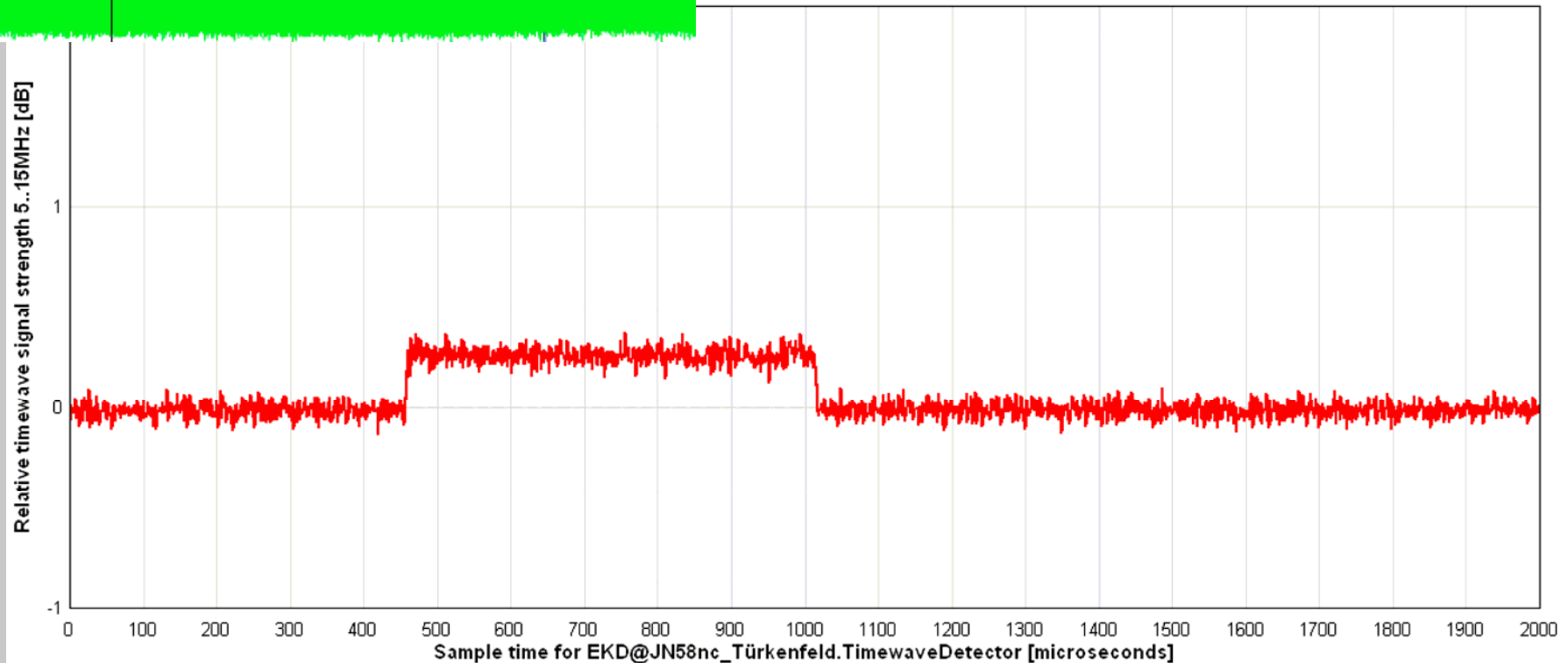


# Signal events from a timewave detector

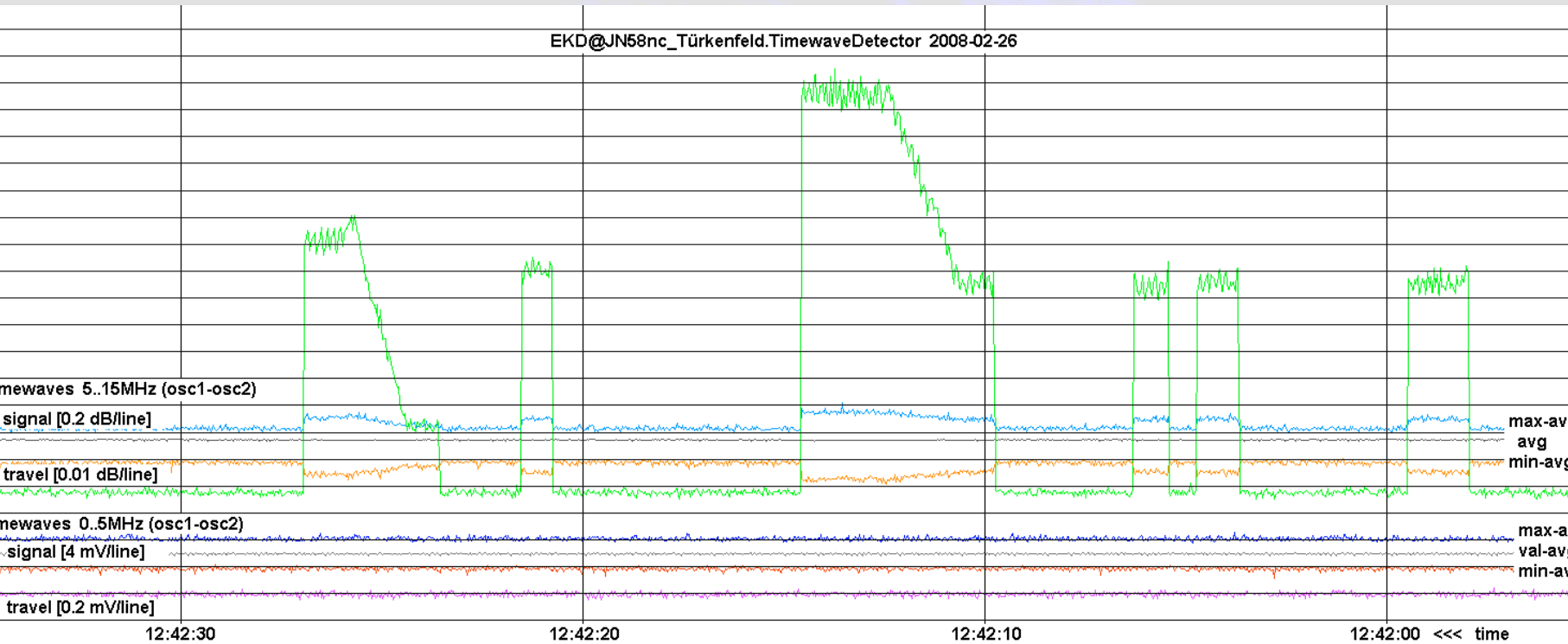


- totally 13 pulse series (each 2-3 sec.)
- distance of pulse series: 3604 seconds
- strength of the signal about 0,3 dB S/N
- multiple events (not confirmed)

Event 2008-07-24 17:04:33 UTC



# Unique pulse series received by a timewave detector (not confirmed)



green:

orange/cyan:

gray:

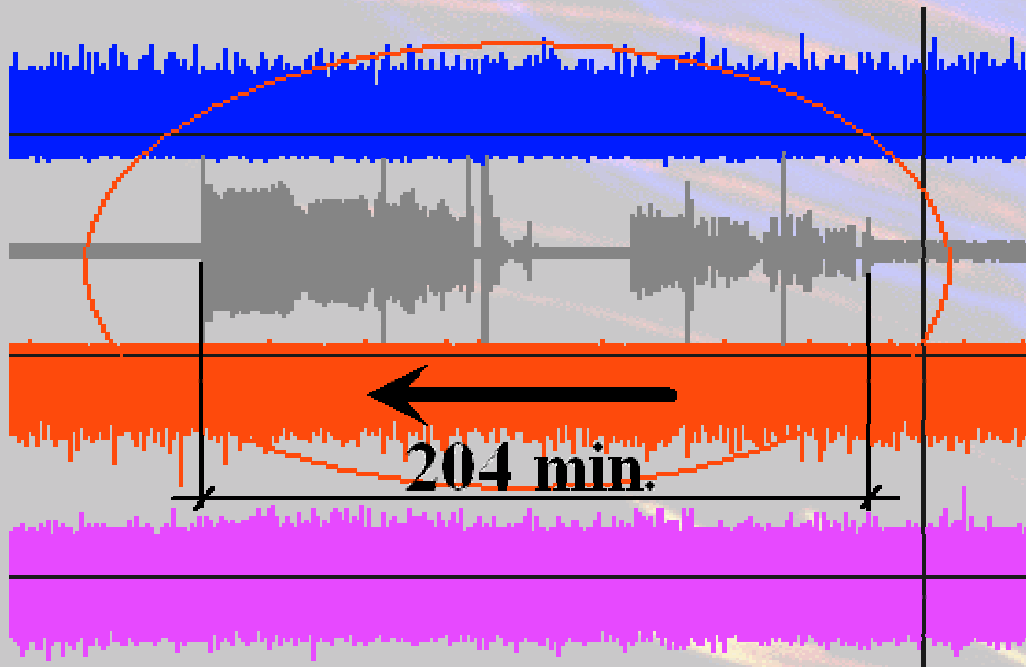
sample frequency: 1 Megahertz

„travel“ signal – sum of particular steps of 2000 values

lowest/highest value from 2000 measurement values

mean value (almost stable) from 2000 measurement values

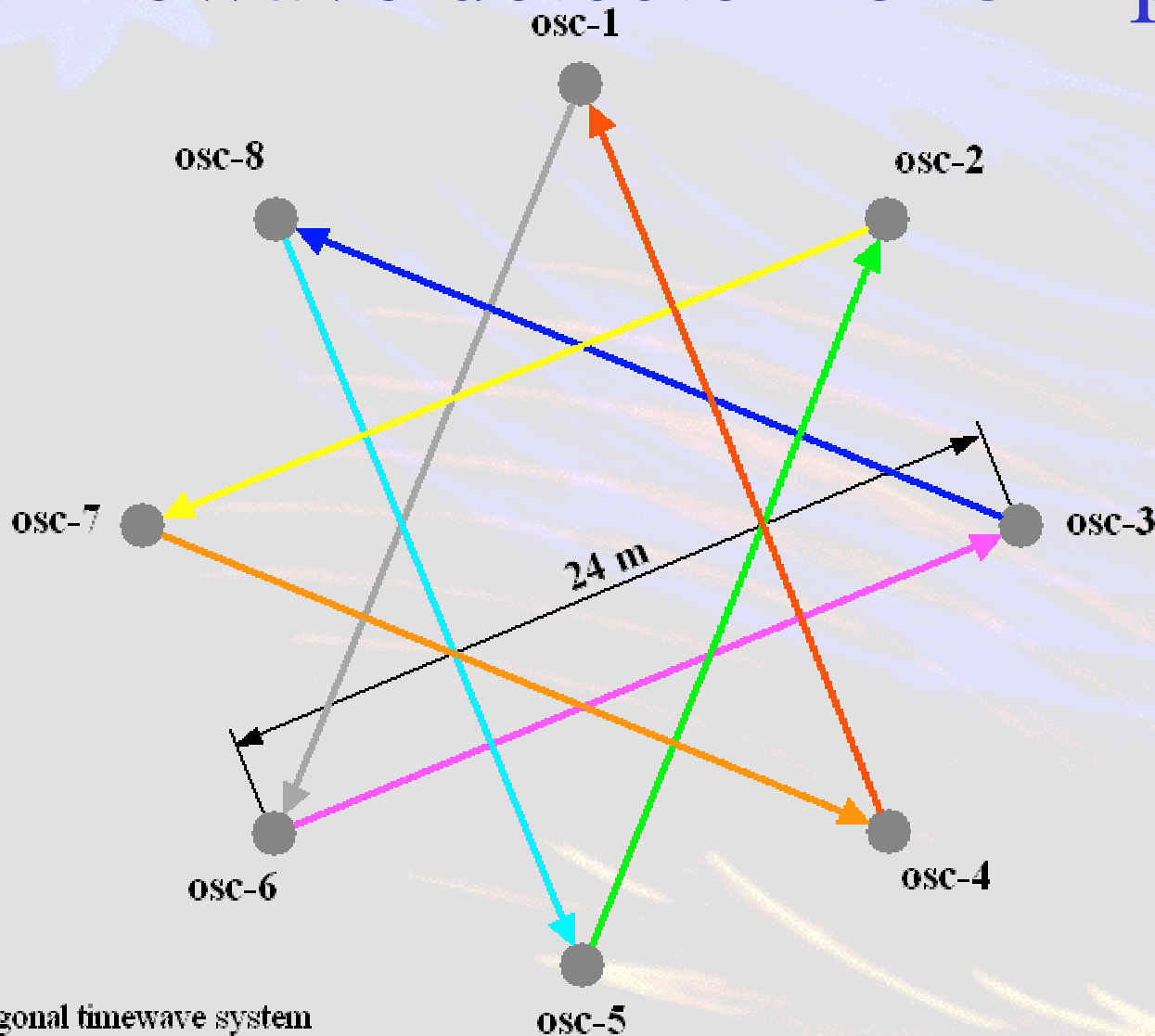
# Sound of timewaves – accelerated (not confirmed)



- signal in 0-5 MHz-Kanal
- start 2008-02-21 UTC 08:20
- 1 h compressed to 30 sec.:
  - 31 mean values per second
  - acceleration x120
  - output data rate: 3720 Hz
- signal occurred solely in the mean value, not in travel and not in the high/low series

Please click for listening to a sound

# Timewave detector for 3D positioning



- resolution: 10 times the speed of light!
- detection: about 40 c - statistically and by anti-parallel ways
- 24 m = 80 ns light way  
sample cycle = 8 ns
- „Next Generation“

**Timewave detectors**  
sampler A-H: 125 MS/sec.  
osc: oscillator 50 MHz  
A: osc 1 - 2345 - 6  
B: osc 6 - 7812 - 3  
C: osc 3 - 4567 - 8  
D: osc 8 - 1234 - 5  
E: osc 5 - 6781 - 2  
F: osc 2 - 3456 - 7  
G: osc 7 - 8123 - 4  
H: osc 4 - 5678 - 1

Octagonal timewave system

"5 x 8"

Richard Kautz, Germany

Revision from March 2000

# Modules for timewave detector



- sampler 125 MS/s
- resolution 16 Bit
- AD9640 eval board
- oscillator 50 MHz
- 1 x IN / 1 x OUT
- data processing using a FPGA:
  - data acquisition
  - data pre-processing
  - data compression
  - data transfer to a PC
- FPGA: Spartan3A
- RF shielding
- measure temperature

# Signal correlation from far away radio sources



- signal samples better 1 m synchronized by GPS
- signals from space are about 2 ms delayed after about 600 km and they will be synchronized
- timewaves generate a phase modulation and occur as short pulses
- given an identification of pulse edges with 200 ns (25 samples) this would result in a resolution of about 10000 times the speed of light „c“

# Electromagnetic generation of gravity pulses

Pendulum in a Glass Cylinder under Vacuum

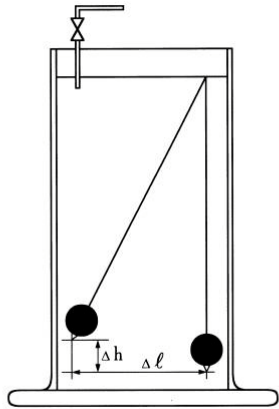


Fig. 5

„electrogravity“  
= TIME pulses

Coupling between gravity and electromagnetics above of about 500 kV

Impulse Gravity Generator (initial setup)

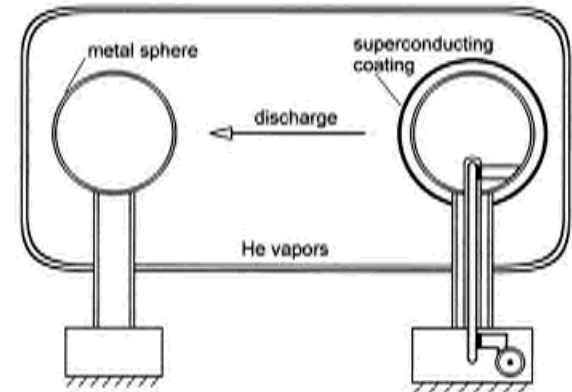
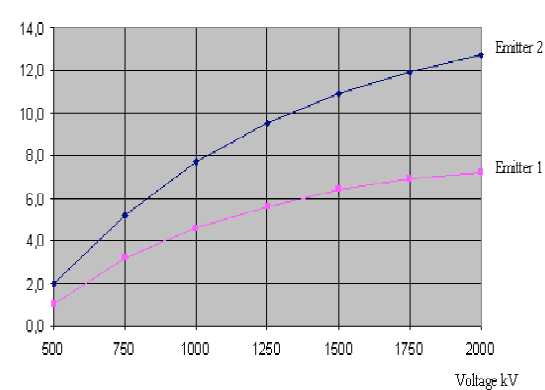


Fig. 1

Deflection mm



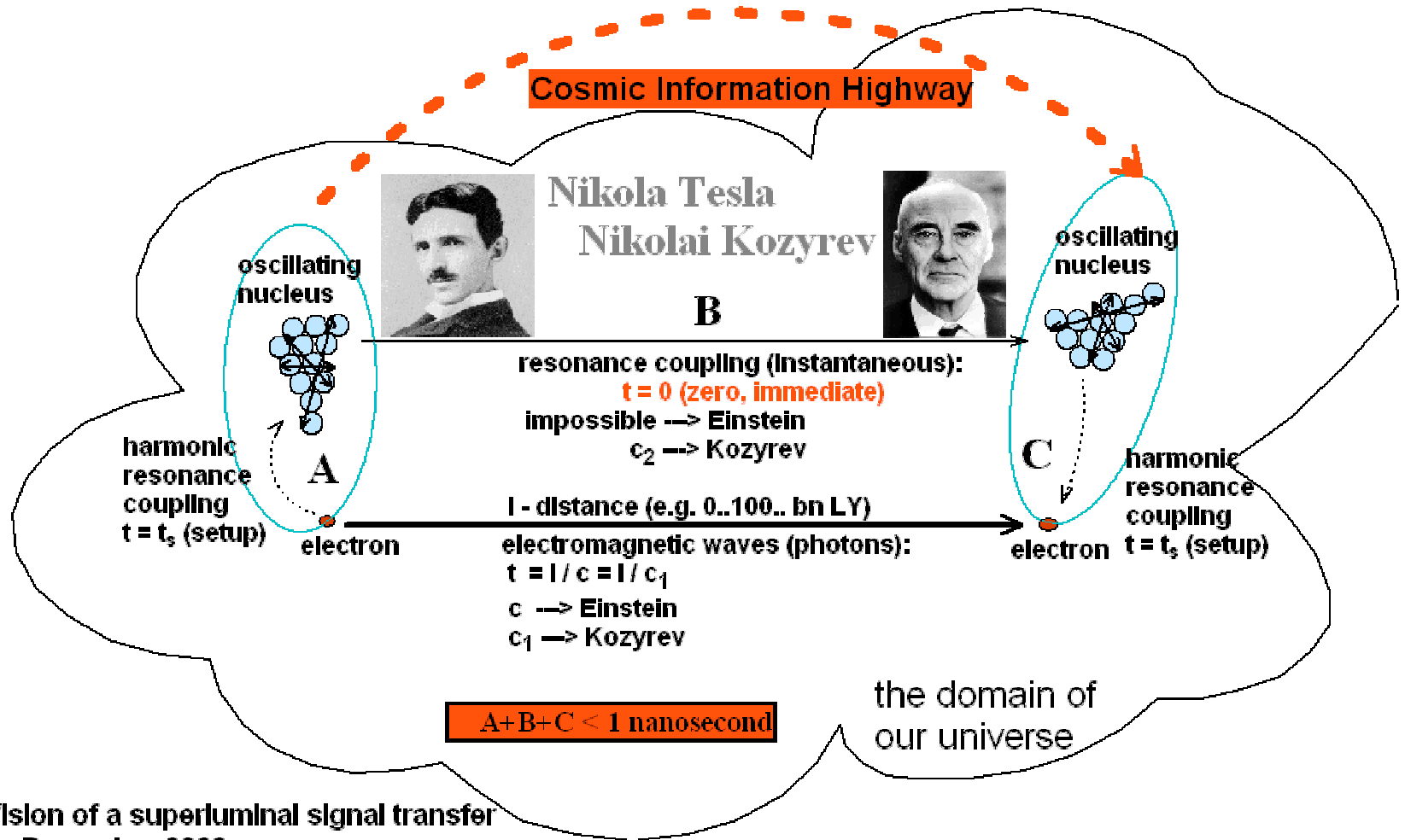
## Impulse Gravity Generator Based on Charged $\text{YBa}_2\text{Cu}_3\text{O}_{7-y}$ Superconductor with Composite Crystal Structure

Evgeny Podkletnov, Giovanni Modanese (2001)

- Moscow Chemical Scientific Research Center, Moscow
- California Institute for Physics and Astrophysics, Palo Alto
- University of Bolzano – Industrial Engineering, Bolzano

<http://eracnet.org/workshop/antigravity.htm>

# Communication – across the universe



Vision of a superluminal signal transfer  
December 2008

Dipl.-Ing. Eckhard Kantz  
Ganghoferstr. 6  
82299 Türkenfeld / Munich  
Tel: +49-8193-9374745  
<http://wegalink.eu>

# Hypotheses of my research work

Updated: 2009-08-07

- the TIME has measurable physical features
- the TIME is capable of performing oscillations
- the TIME can transfer signals (timewaves)
- the TIME is not limited to the speed of light
- timewaves can propagate slower and faster than light
- TIME as an oscillating medium has also energy
- TIME can be converted into electromagnetic energy
- energy from time would be a new alternative energy

Eckhard Kantz  
Ganghoferstr. 6  
82299 Türkenfeld / Munich  
phone: +49 8193 9374745  
mailto:[e.kantz@wegalink.eu](mailto:e.kantz@wegalink.eu)



# Thank you for your interest and your attention

In the end a philosophical thought:

„When looking at the essential equality between information and energy one could come to the conclusion that TIME as being on the base of both, is the only real medium that the Creation of our universe and the parallel universes of our cosmic cycle is based on.“

Eckhard Kantz  
Ganghoferstr. 6  
D-82299 Türkenfeld  
phone: +49 8193 9374745  
mailto:[e.kantz@wegalink.eu](mailto:e.kantz@wegalink.eu)