

Akasha Project

H2 – The Quantum Music Of Hydrogen
Der Klang der Wasserstoffatome

Format: CD
Label: Klangwirkstoff Records
Homepage: www.Klangwirkstoff.de
Total Playtime: 77,14 min
Releasedate: 01.02.2010
Catalognumber: KW005
Labelcode: LC 16011

The magic of quantum music

(Holistically acoustic description of the electron jumps of hydrogen)

Based on the frequencies calculated by **Hans Cousto** in 1999 „H2 – Der Klang der Wasserstoffmoleküle“ (H2-The Sound of Hydrogen) the composer and soundartist Barnim A. Schultze aka **Akasha Project** developed a special composition-method for the octaveanalog transposition of the spectral measuring data (resonance-maxima) of the hydrogen atoms.

This work and the production of a preferably pure description of the harmonic conditions on the microcosmic quantum level was created in a period of ten years.

If we examine the **spectral lines** of the hydrogen, we see a number of narrowband spectral peaks (maxima), whose appearance can be described in simple mathematical series.

These series are named after their discoverers (Lyman, Balmer, Paschen, Brackett, Pfund). They represent the **electron transitions within the atom** and are in a sense its "fingerprint". Transposed to approximately 40 octaves down, these spectral peaks are perceived by our ears as sounds.

With the calculations of the octave-analogue frequencies of the hydrogen atoms Cousto provided an important indication that even at the quantum level of atoms, the harmonic laws retain their validity.

Quantum music is a self-composing music, since the electron transitions of the atom determine which sound can be heard and when. In addition, octave-analogue frequencies are also used to modulate the sound parameters so that the sounds themselves are "hydrogen modulated".

Hydrogen is the atomic "stem cell" of our universe.

All matter and thus the world in which we live, and ultimately we ourselves were created from hydrogen.

Meditations with the sounds of hydrogen can give an impression about what holds the world in its core together.