

## RHYTHMIC FLUIDICS AND ITS FUNCTIONAL ROLE IN NATURE

Foundation for Water

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Foundation for Water (FFW) is continuing the research of John Wilkes whose work, since the 1960s, was based on that of George Adams, re the path-curve mathematics of flow surfaces, and Theodor Schwenk, re flow phenomena. This presentation will look at rhythmic fluidic phenomena, leading to open questions concerning the functional role of harmonic flow in life-supporting and form-producing natural processes.

FFW is conducting research into influenced, transportable energy in water with associated laboratories in Sweden, Germany and America using spectroscopic and multifractal thermal infrared imaging, and crystallisation, plant growth and plant morphology methods, all focusing on energetic information expressed in various ways in water. With these methods and associated insights, FFW plans to look not only at the effects of shape, surface, materials, and time on water energetics but also to study rhythmic fluidics as a possible influence on energetic information in water and, through water as a carrier of possible energetic influences on living processes.

By looking at natural and experimental laminar, harmonic and turbulent water flow phenomena, where harmonic flow, such as the meander and Kármán vortex paths,



*Kármán vortex paths indicating forms found in nature  
(Based on the work of T. Schwenk and J. Wilkes)*

manifesting as a balance between flow momentum and fluidic resistance, and comparing these to similar forms and rhythms found in living nature, it is possible to arrive at the open-ended notion that harmonic-rhythmic flow could be a life-supporting function within nature, and not simply a by-product of bio-mechanical actions. By looking at known fluidic phenomena, and at rhythmic behaviour of water, interesting research questions can arise such as, 'is rhythm an energy-producing action within water, and in water-based fluids within living nature? '.