

Proceedings

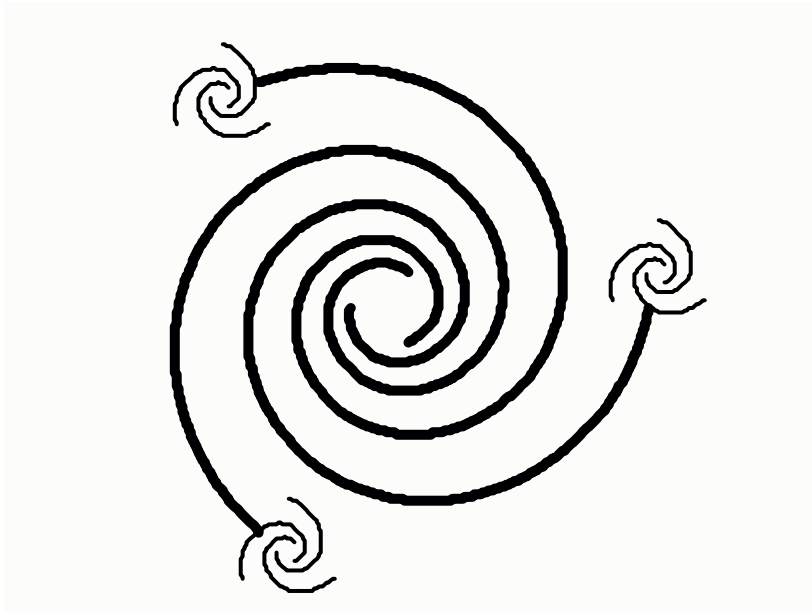
of the

1st International Workshop On Natural Energies (IWONE)

(9.3.-11.3. 2001 in Großbothen near Leipzig, Germany)

Wilhelm-Ostwald-Archiv und –Tagungsstätte (Landsitz “Energie”)

<http://home.t-online.de/home/ostwald.energie>



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Contents

1	Introduction	4
2	Wilhelm-Ostwald-Archiv und -Tagungsstätte	4
3	DAY 1: Friday 9.3.2001	5
3.1	Jörg Schaubeger: Original Sketches etc. of Viktor Schaubeger	6
3.2	Norbert Harthun: A Way to Natural Technologies	6
3.3	Richard C. Feierabend: A Historical Perspective; „Show and Tell“ of Various Items and Disassembly of a „Mini-Saucer“.....	8
3.4	Klaus Rauber: Whirl-Pipe , Helicoid Pipes - Spiral Vortex Pipes.....	10
4	DAY 2: Saturday 10.3.2001	11
4.1	Norbert Harthun: Electrical Resonant Circuits as Analogies to the Whirl-Pipe and rilled Double-Membrane	12
4.2	Lars Johansson: Self Organizing Flow Technology- In Viktor Schaubeger's Footsteps	13
4.3	Lars Johansson & Curt Hallberg: Aerodynamics and the Repulsine.....	13
4.4	Klaus Rauber: Repulsator Noble Water Devices.....	13
4.5	Michael Haitz: Ranque-Hilsch-Pipe (Vortex-Pipe).....	14
4.6	Ive Anders & Morten Oveson: The Augustenborg project – Some Applications of Viktor Schaubeger's Principles in a Landscape Architectural Context.....	14
4.7	Curt Hallberg: The Stuttgart Egg Tube Experiment – Film.....	14
4.8	Dolly Knight & Jonathan Stromberg: Devices Beyond Scientific Explanation – Control of their Efficiency	15
4.9	Josef Pühringer: Some Thoughts about the Stuttgart-Experiment.....	15
4.10	William Baumgartner: Geometry of Ether Flow Around Twister pipes [Wendelrohre] & Energy from Space through the Quadropole System of Nature.....	16
4.11	Anton Salat; Horst Kersting: Public Relations and Activities on Fairs	16
5	DAY 3: Sunday 11.3.2001	17
5.1	Pasquale Tribuzio: Could the Projective Geometry developed by George Adams help us to comprehend V. Schaubergers Ideas?	17
5.2	Curt Hallberg: Spiral Tubes and Viktor Schaubeger's Turbine	19

5.3	Cedric Mannu: Genesis according to Schauberger: Aether and Life. Discovery of a new Field	19
5.4	William Baumgartner: The Design and Manufacture of Wendelrohre	20
6	Designations	21
6.1	Geräte zur Erzeugung von Vor- und Auftrieb.(Generation of propulsion and buoyancy)	22
7	Greetings of the participants to one classic: Olof Alexandersson	23

1 Introduction

Mr. Harthun, Mr. Hallberg and I decided last year (2000) to meet in Leipzig on a weekend to discuss different subjects of Viktor Schaubergers theories.

The intention was to hold a more practical workshop.

Soon many of you heard about it and told us their intention to join our “little” workshop too. We were very surprised and honoured as 34 participants inscribed themselves to that what should become the 1st IWONE.

We hope that this workshop will be a first step to a more opened and joint work.

The organizers would like to thank everyone who came to the workshop especially Mr. Jörg Schauburger and Mr. Richard Feierabend.

The different speakers still independently use various translations of the German designations of the devices. After „1st IWONE“ they discussed a standardisation via e-mail and choosed those which were recommended mostly. (Thanks to Callum Coats, whose participation in the discussion was very helpfull-he could not join the workshop). You find the results in chapter 6. Please use them in the future.

(Some of the treatises will be available in the near Future in full size on – www.tribuzio.ch).

Pasquale Tribuzio

2 Wilhelm-Ostwald-Archiv und -Tagungsstätte (Landsitz “Energie”)

In 1853 Wilhelm Ostwald was born in Riga as the second son of a german-rooted workman family. He studied chemistry at the University of Dorpat (which is now Tartu) in Estonia. He got his first professorship in 1882 at the polytechnic in Riga. In 1887 the minister of education appointed Ostwald to the professorship of physical chemistry at the University of Leipzig, at that time the only professorship of its kind in the world.

The research for cause and progress of chemical transformation brought Ostwald in close contact with the term „Energy“. At the convention of nature scientists and physicians 1895 in Lübeck he presented his results and concluded that matter is just a special form of energy. 100 years ago this claim was widely rejected because only a few specialists understood how to use the term „Energy“ properly. The materialists thought to be robbed of their matter. The idealists missed the spirit because Ostwald explained the process of thinking with energy transformations. And the theoretic physicists missed the mathematical apparatus

In 1898 Ostwald and his staff members devoted themselves to the research of the catalyst. In 1909 he won the Nobel Prize for the discoveries resulting from his research.

Ostwald left the University of Leipzig in 1906. He felt that the pressure resulting from teaching and research left him not enough free space to pursue new fields of interest that are based on his energetic view of the world. He has put much effort in organizing a world wide information exchange among scientists and the standardization of printing formats. Furthermore he propogated the technical usage of the sun as inexhaustible energy source. He also was interested in topics which his fellow colleagues often called exotic.

With the age of 61 he thru himself into the colors in order to make this phenomenon usable with measures and numbers. After solving all the scientific problems Ostwald concentrated his efforts to promote his system in order to put it in practice. Wilhelm Ostwald died in 1932 in a hospital in Leipzig.

The Country Seat „Energie“

It was purchased and designed by Ostwald within 20 years. The estate shows his way of life and his nearness to the nature. The estate got over the Second World-War without any damage. In spite of the material difficulties in the post-war time the family did not sell anything. They were supported by former American pupils of Ostwald. It is the only house left in Germany owned by a scientist of the turn of the century. In 2001 it celebrates its one-hundredth anniversary.

[Excerpts (slightly changed) from information sheets of the Congress-Center (scanner was used)]

3 DAY 1: Friday 9.3.2001**Leader of Discussions: Pasquale Tribuzio**

10:00	Begin of Registration
14:00 – 14:15	Pasquale Tribuzio: Welcome Speech
14:15 – 15:15	Short Introductions of the Participants themselves
15:15 – 15:45	Jörg Schauburger: Original Sketches etc. of Viktor Schauburger
15:45 - 16:00	Discussion
16:00 – 16:15	Break
16:15 – 16:30	Norbert Harthun: A Way to Natural Technologies
16:30 – 17:15	Richard C. Feierabend: A Historical Perspective; „Show and Tell“ of Various Items and Disassembly of a „Mini-Saucer“
17:15 – 17:30	Discussion
17:30 – 18:00	Klaus Rauber: Whirl-Pipe
18:00 – 18:30	Discussion
18:30 –	Dinner and free talks

3.1 Jörg Schaubberger: Original Sketches etc. of Viktor Schaubberger

Like other participants of the 1st IWONE-Meeting, Joerg Schaubberger, one of Viktor's grandsons, brought different items to Grossbothen.

These were special devices out of the Schaubberger-Archive at Bad Ischl in Austria. Originated from the labs of Viktor and Walter Schaubberger, Joerg presented some of Viktor's Spiral Pipes [I will use common descriptions] as well as a huge hyperbolic cone, Walter used to make fluid-experiments with.

Other devices were small parts of prototypes (studies of Viktor for different Implosion-machines).

Original plans for the Repulsine from the years 1944 and 1945 and sketches of Trout-boats could have been looked at.

On the other hand he showed a Kudu-Horn made out of ceramic (?), new Copper-Garden-Tools inspired by Viktor's research, copies of a book about the mathematics of Walter ("Der Hyperbolische Kegel", written by Claus Radlberger) and the CD-Rom "Water - Blood of the Earth", containing many of the water-related texts of Viktor and video-clips from an historic film about the legendary log-flume at Neuberg.

Book and CD-Rom are published by PKS ("Pythagoras Kepler System" - a non-profit organisation, also organizing seminars about Viktor and Walter at the PKS-Institute at Bad Ischl - for more information see: www.pks.or.at).

3.2 Norbert Harthun: A Way to Natural Technologies

Statements to Viktor and Walter Schaubberger's viewpoints

We don't have the intuition of Viktor Schaubberger and we do not have his knowledge and experience of nature, but we have his treatises, letters and other statements. So we are possibly able to understand or to feel, what Viktor wanted to tell. One hopeless possibility were trying to repeat his experiments or rebuild exactly his devices following his "poetic" descriptions. On the other hand we additionally can use the results of the conventional sciences and make our own interpretations. So Walter Schaubberger did and the results were new patents and the „Schaubberger Hyper - Funnel" or - Cone (depending on the application).

It makes sense to find our own conclusions while comparing Viktor's and Walter's statements and the results of the conventional science and trying to get a holistic view of nature. And we have to distinguish between fundamentals and applications. If we walk this way, we may be optimistic!

Examples for Viktor Schaubberger's Knowledge about Universal Procedures of Nature: Unknown Subtle Energies

It is the aim of these few lines to prevent that this important knowledge of Viktor falls into oblivion or is overlooked. Generally said: His conviction was that every manipulation or action in our world activates (or is accompanied by) subtle energetic effects which have an influence on the stuff involved and the surroundings. These effects are either favourable or the opposite, depending upon the kind of movement! This idea is really unorthodox and only originated by Viktor Schaubberger.

As important examples, some of his statements dealing with a natural watercourse are to be cited:

„The bend is the water's cradle. By the swaying motion it comes to structural changes inside the water which are overlooked by the experts...The generatable energy by a Bio-Dynamic-Motion appears as increase of lift- and drag-force...The increase of lifting and dragging forces manifests themselves mainly in the axis (of the pipe), where inhomogeneous concentrations appear because gases turn into spaceless energystuffs and therefore the core-water, which is a ball of energy, accelerates“.

„Besides bodystuff (juvenile water) which has the purpose to structurally bind higher differencecultures, excesses of tension also appear. They escape horizontally, penetrating every resistance, the surrounding soil too and cause indirectly the increase of groundwater“ .

These examples show that still unknown energies are postulated, generated by moving matter; a provocation to present science.

Feedback-Principle

He knew that nature is characterized by „feedback“ processes although he never uses this term directly. But sometimes the word „chain-reaction“ is to be found in his texts, which is a special case of feedback, namely „positive feedback“.

Feedback means that the input of a system or process is influenced by its output. Or: If an input cause guides to an output effect, this effect is retroacting to the input. If this reaction weakens the resulting effect it is a „negative feedback“ and the whole system is stable.

But if the resulting effect is strengthened by retroacting to the input, there is a „positive feedback“- process. This system loses stability and becomes more sensitive against external influences. In extreme cases a „chain-reaction“ may happen. Viktor Schauberger wrote the following text to a sketch (abbreviated):

„Trout-Turbine: This special form concentrates the involving water which effects as a piston. This piston sucks new water for new involving.
More water – more energy emerges.
The more energy - the more water is sucked“etc.

This is exactly the circumscription of a „positive feedback“ process!

Another example for „positive-feedback“ conceptions of Viktor Schauberger: „This rhythmical reaction process strictly must be guaranteed, because a single mistake, which happens within the reaction-chain, results in demolition of the device (machine). The reason is that the elementary suction- and pressure-forces work out with colossal energy if an unnatural motion or temperature-mode take effect within a synthesizing and levitating chain-reaction“.

The following quotation (last but not least) shows his general conviction that feedback-systems exist everywhere: „The fire-technology let this three-beat-rhythm...on the outside. It is composed of Cause + Effect + Reaction. The fire-technology limited itself only to Cause + Effect, thus neglected the accumulation of life- and movement-forces by permanent incorporation of power reserves through retroactive self-fertilization“.

The last part of that statement must be interpreted as an influence on the stuff itself, as a subtle energetic effect (see chapter 2.1). Viktor Schauburger had surely a different view of matter or stuff than science today. His conception of important influence on the matter by its kind of motion is unusual and should be proved and be researched in the future.

The „Magic Motion“

If Viktor Schauburger is right that motion influences matter, it would be very interesting for further research which kind of motion he means. He ascribes marvellous physical and biological effects to a motion which is circumscribed by him with countless names. A very famous example is: „Planetary Motion“. Unfortunately he never made a sketch or drawing of that motion. So it lasted a long time until the author really was sure that he has interpreted Viktor's texts correctly and published his first result 1980: The „multiple-thread-screw-motion“. It consists of a rotating rigid core surrounded by many smaller whirls rotating around it and rotating themselves around their axis while moving in the direction of the current. With other words: A large „fluid-screw“ whose windings consist of smaller fluid-screws whose windings consist of...possibly until infinity. The modern expression „Fractal“ fits exactly! Independently of him a Swedish team („Malmö Group; IET“) concluded this type of motion, documented on a CD-ROM which the author got in the year 2000. This motion is possible in open devices as a „straight forward flow“ but it is not usable for closed vessels. A convenient vortex motion for this case („Compound Vortex“) was found from other sources than Viktor's texts and published 1987. The „Malmö-Group; IET“ independently published this fluid motion on their CD-ROM too. Not before 1997 the author found a treatise of Viktor published in the „Implosion“ where even this kind of motion is described by him as favourable too. So the „Compound Vortex“ was even confirmed by Viktor. Details and relevant quotations are written in a treatise which had the aim to reach a greater number of readers instead of „Schauburger-Insiders“ as before. It is very interesting for the author, that this figure already was chosen of Sten Kullberg (without comment) for the frontpage of his „Examensarbete“ already in 1982.

Viktor Schauburger's language is very difficult to understand and contains many self created technical terms. In order to avoid more confusion everybody has to interpret his texts very carefully! It seems to be the fate of his followers that they themselves have to find the things out and then they'll know what Viktor Schauburger meant...

3.3 Richard C. Feierabend: A Historical Perspective; „Show and Tell“ of Various Items and Disassembly of a „Mini-Saucer“

Former United States Navy Commander Richard C. (Dick) Feierabend (Retired) from Fredericksburg, Virginia, USA attended the IWONE workshop and presented "A Historical Perspective of Viktor Schauburger", that summarized his personal research efforts over the past 10-years into Germany's alleged highly secret flying saucer development project during World War II, and which eventually lead him to investigate the concepts of Viktor Schauburger.

Commander Feierabend began his presentation with a brief introduction of his personal background and his career as a pilot and Aeronautical Engineering Duty

Officer in the United States Navy. He indicated that he has always had a keen interest in the German Luftwaffe during the second world war and has collected many books on this subject. It was in one of these books titled *German Jet Genesis*, written by David Masters and published by Janes Publishing (U.K.), that he read about a secret flying saucer project in Germany and a single test flight during which the aircraft climbed to an altitude of 11,450 meters in just over 3 minutes and achieving a speed of 1,960 km/hour. His desire was to determine the technology that was used to achieve such remarkable performance, even by today's standards, before the advent of jet aircraft.

He began his research at the Library of Congress in Washington D.C. for any available literature on German flying saucer development but found very little information on the subject. He explained that all of his information of the flying saucer project came from metaphysical and fringe publications as well as UFO magazines. The information was non-technical and could not be used to prove the existence of such a project and was in many cases the same recycled information used by different authors. The one common element that he noted during his research was that the name of Viktor Schauberger was often mentioned in nearly every document he read. This lead him to Olof Alexandersson's book *Living Water*, and to the *Implosion* periodicals where he learned more about Viktor Schauberger and his possible involvement with the flying saucer project.

After several years of library research that was quickly becoming very unproductive, Commander Feierabend decided to try and contact Mr. Karl Gerchsheimer during his lunch break one day while he was still in the Navy in 1992. Mr. Gerchsheimer helped to coordinate Viktor and Walter Schauberger's visit to Sherman, Texas in that fateful summer of 1958. By sheer good fortune, he was extremely surprised to find his telephone number listed near San Antonio, Texas and after only five minutes of searching was talking to him on the telephone; Mr. Gerchsheimer was about 89 years old at the time!! During a subsequent conversation with Jakim Tonn, an associate of Commander Feierabend who was also interested in Viktor Schauberger, Mr. Gerchsheimer said that "Feierabend can have the whole kit and caboodle"--meaning all the Schauberger papers and implosion hardware he had stored at his home in Texas. In October of 1994, shortly after he retired from the US Navy, Commander Feierabend met Mr. Tonn in San Antonio, Texas and together they went unannounced to the home of Mr. Gerchsheimer. Despite the shock of two complete strangers, Mr. and Mrs. Gerchsheimer (who it was later learned was suffering from Alzheimer's disease) were very cordial and gracious hosts.

True to his word, Mr. Gerchsheimer gave Commander Feierabend all the papers and implosion hardware he had stored in the storage shed behind his house. The greatest prize, however, was located beneath a work bench in the garage: the Repulsine, the device similar to that pictured in many UFO publications and that supposedly broke the anchor bolts and levitated to the ceiling of the Kertel workshop in Vienna in the early 1940's!! Among the paperwork was found a signed copy of Prof. Dr. Popel Stuttgart spiral pipe report, and the daily writings of Viktor and Walter Schauberger. After returning home, professional photographs were taken of all the hardware. The scanned images of these photographs and the written Schauberger documents were shown during his presentation.

Commander Feierabend concluded his presentation with a few remarks on copyright infringement and intellectual property. Despite some computer graphic wizardry, he demonstrated that his pictures appearing in Callum Coats' book *Living Energies* were used without his permission or knowledge on Mr. Jean-Louis Naudin's website. He commented that based on his observations of Viktor Schauburger material, most of it is basic recycled information taken by various authors from other limited sources and used for their literary purposes, apparently without permission of the originator; there is very little original material. He believes that greater emphasis and control is needed to ensure integrity of the information and unauthorized use of the material.

3.4 Klaus Rauber: Whirl-Pipe , Helicoid Pipes - Spiral Vortex Pipes

Klaus Rauber
German Association for Implosion Research

Based on Viktor Schaubergers statements and experiments, a set of various helicoid pipes have been investigated for their flow characteristics, documented in the so called "**Pöpel Report**". In the early 90th we built some helicoid pipes to repeat the measurements of Prof. Pöpel. Profiling a 22mm pipe using steel rolls we formed the spiral with a cylindric core. The test stand was built similar to the arrangements as describes in the report.

Flow resistance was measured by pressure difference, flow rate by a Venturi-pipe. All pipes showed the same flow characteristics. We stated always turbulent flow, no resonance and had too much inaccuracy in the measurement of pressure difference.

In cooperation with Erich Neumann we developed two years ago the spiral vortex pipe based on a usual straight copper pipe. The spiral egg shaped form is given by a semi automated press. Optimization has been done by varying of wavelength. A rhythmic fluid flow is forced by scales on the inside.

Meanwhile some hundred meters of these pipes are installed and positive effects on the water quality have been noticed. In some applications we achieved an energetic upgrading of the water from 5800 Bovis up to 17000 Bovis. The installation direction of the pipe is very important. See Implosion No. 134 page 55.

Sensitive people feel form energetic emmissions of a spiral pipe put into the earth vertically. Growth increase and positive radiesthetic effects and rain water upgrading have been achieved. Some users report about reduction of alga in small fish pools.

4 DAY 2: Saturday 10.3.2001

Leader of Discussions: Jörg Schaubberger

8:00 – 8:15	Norbert Harthun: Electrical Resonant Circuits as Analogies to the Whirl-Pipe and Rilled Double-Diaphragm
8:15 – 8:30	Discussion
8:30 – 9:00	Lars Johansson: Self Organizing Flow Technology- In Viktor Schaubberger's Footsteps
9:15 – 9:30	Discussion
9:30 – 9:45	Lars Johansson & Curt Hallberg: Aerodynamics and the Repulsive
9.45 – 10:00	Discussion
10:00 – 10:15	Coffee Break
10:15 – 10:45	Klaus Rauber: Repulsator
10:45 – 11:00	Discussion
11:00 – 11:15	Michael Haitz: Ranque-Hilsch-Pipe (Vortex-Pipe)
11:15 – 11:45	Ive Anders & Morten Oveson: The Augustenborg project – Some Applications of Viktor Schaubberger's Principles in a Landscape Architectural Context
11:45 – 12:00	Discussion
12:00 – 14:00	Lunch-Break (2 Hours)
14:00 – 14:30	Curt Hallberg: The Stuttgart Egg Tube Experiment – Film
14:30 – 15:00	William Baumgartner: Energy from Space through the Quadropole System of Nature
15:00 – 15:15	Discussion
15:15 – 15:45	Dolly Knight & Jonathan Stromberg: Devices Beyond Scientific Explanation – Control of their Efficiency
15:45 – 16:00	Discussion
16:00 – 16:15	Break
16:15 – 16:30	Josef Pühringer: Some Thoughts about the Stuttgart-Experiment
16:30 – 17:15	Discussion
17:15 – 18:00	William Baumgartner: Geometry of Ether Flow Around Twister pipes [Wendelrohre]

18:00 – 18:15	Discussion
18:15 – 18:30	Anton Salat; Horst Kersting: Public Relations and Activities on Fairs
18:30	Dinner and free talks
19:30	Guided Tour through the Ostwald-Museum (Nobel-Price-Winner/Chemistry), max. 15 Persons

4.1 Norbert Harthun: Electrical Resonant Circuits as Analogies to the Whirl-Pipe and rilled Double-Membrane

The famous experiment of Prof. Pöpel with the Kudu-Horn-Replica (TH Stuttgart 1952) is still a puzzle. It is not completely solved or repeated on the same manner or with the same results. One reason is that the replica of that experiment is lost. On the other hand there is the speculation, that the water in our time does not have the same quality or physical structure as in 1952. Therefore it has another physical behavior in flowing.

If the description of the experiment is analysed, a main characteristic effect points out: The effect of resonance, although Prof. Pöpel never uses this word directly. More generally thinking, the authors of „IET“ speak about „Selforganisation“. That means the sudden appearance of complex structures in the fluid.

Because of the structuring effect of standing waves on the medium in a resonant cavity there is a strong relationship between „Selforganisation“ and „Resonance“. Organ Pipes as acoustic Resonators are known, they are open or closed cavities. In both cases the medium stays in the interior of the cave, it does not flow entering and leaving the device. The acoustic wave is reflected at both ends and builds up a standing wave if the frequency fits the dimensions of the cave.

The Kudu-Horn-Replica is an open system guiding the fluid and is at the first glance quite different from an organ-pipe. But there are still two possibilities to find reasons for resonance: Even a normal plain pipe, containing a flowing fluid behaves as a resonant circuit which can be represented by the electric-circuit elements: Resistor, Inductivity (open end) and Capacitor (closed end). The cross section of this pipe is asymmetrical and the pipe is winded. So we may speak about a partial „semi closed“ pipe and the conditions for a homogeneous distributed L and C are approximated. So these three elements together form a Serial-Resonant-Circuit.

The second consideration on possibilities for resonance is an analogy to the DFB-Laser (Distributed Feedback Laser). Inside this Laser there is a periodical structur along the way of the light, allowing distributed reflections with resulting resonance. The dimensions of that system determine the wavelength of the emitted light. Analog to this the windings of the Kudu-Horn-Replica (and the rilled Double-Membrane) can be regarded as periodical reflectors inducing reflected pressure waves inside the fluid and causing resonance.

Last not least there is another interesting point: In the experiment 1952 the Kudu-Horn-Replica was linked to the system by rubber pipes. They are to be regarded as elastic springs which allow vibrations of the Kudu-Horn-Replica and sustain the effect while the water is flowing.

4.2 Lars Johansson: Self Organizing Flow Technology- In Viktor Schauberger's Footsteps

A discussion of a research project at IET 1994-97 on self-organization and Viktor Schauberger. With the Stuttgart experiment as a starting point, we repeated parts of that experiment and surveyed similar research. We then performed several experiments aimed at highlighting the mechanisms at work. Out of this effort we tried to evolve a modern framework for the interpretation of VS's ideas, based on chaos and self-organization theory.

4.3 Lars Johansson & Curt Hallberg: Aerodynamics and the Repulsine

A discussion of research on the repulsine (1996-97) and its possible aerodynamical principles. The Coanda effect, and how it could be related to the repulsine, is covered, as well as some historical connections. Some modelling of flow and function of various parts of the repulsine is considered. Simple experimental demonstrations with a Coanda form.

4.4 Klaus Rauber: Repulsator Noble Water Devices

Klaus Rauber
German Association for Implosion Research

From the remaining stocks of Kurt Loreks working team in Freiburg we reactivated a noble water device consisting of a silverplated copper egg with a goldplated whirl, an appropriate drive and a vacuum tight magnetic clutch. Darkness and cooling (positive temperature gradient) are as important as isolation by paraffin to reduce radiation of inner energies.

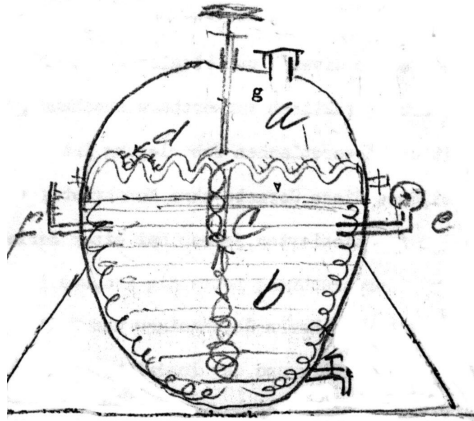
We used a glass egg for observation of the vortex to select the optimal whirl speed. The highest speed is achieved in the area below the visible vortex, the so called reaction zone or energy thread. The motor axis may not be in lengthening of the vortex axis to avoid emv influence, so a V-belt drive is required.

A recipe for noble water is given by Aloys Kokaly:

Fill in springwater or aqua destillata with a starting temperature of 27°C. Two dark bottles should be half filled with the above water, one of which should receive the calcium and the the other the three other ingredients or sediments. Shake the two bottles a few minutes. The bottle with the three sediments should be poured in first, followed by the bottle containing calcium. Replace the air by carbon dioxide and run the egg for $\frac{3}{4}$ h under positive temperature gradient, down to 4°C. Store the water in glass vessels 24 h for maturation under 4°C and darkness and then drink the water in small quantities during the next 24 h.

A description of a suction turbine for noble water production is given by Viktor Schauberger in 1958:

Use paraffin isolated extreme egg shaped vessel with its peak below. The double membrane should be made of diamagnetic materials like wood, copper, brass or bronze, silver or gold plated. The water dissolved ingredients are filled in above the



membrane at (g) and injected into the water during rotation. Replace the air in (a) by carbon dioxide atmosphere and start process with up to 0.8 bar pressure. Through gill slots (d) carbon dioxide is injected into the suction area between the membranes (acts as capacitor). The peripheral overpressure feeds water (b) into the suction rotor (c). The turbine should run for 1h the water should be kept in for 24h for fermentation.

According to Schauberg the vibrating wave form causes atomic conversion of liquid substances, i.e. changes the state of water from acid to sweet.

This apparatus could be useful for converting sea water into fresh water. Running at high speed, the repulsator builds up his own field of force. Thus the centrifugal force is compensated by an unknown centripetal current, building its own axis. Synthesis current discharges rectangular to the membrane. For more information: see Implosion No. 133, 134 and 135.

4.5 Michael Haitz: Ranque-Hilsch-Pipe (Vortex-Pipe)

A rather simple device with not quite satisfying explained functionality. In a tube a vortex is generated by tangential influx of compressed air. It seems to have close relationship to the work of Viktor Schauberg:

- centripetal movement of the air with cooling effect
 - double helical movement with hot and cold air stream
- separation of heat and coldness by pure mechanical movement

4.6 Ive Anders & Morten Oveson: The Augustenborg project – Some Applications of Viktor Schauberg's Principles in a Landscape Architectural Context

A presentation and discussion of the "Onion conduits" we developed for rainwater drainage in the Augustenborg quarter in Malmö (1998-2000). Principles, development process, its relation to "Wirbela Flow Forms", as well as some applications. Discussion of the self-organizing flow in the conduits. Film demonstration of experimental set-up, and the functioning of the conduits in their natural environment.

4.7 Curt Hallberg: The Stuttgart Egg Tube Experiment – Film

A demonstration of some of our experiments with an egg tube (1994-97). The film covers accumulation and separation of particles, different kinds of flow, as well as interpretations and some applications.

4.8 Dolly Knight & Jonathan Stromberg: Devices Beyond Scientific Explanation – Control of their Efficiency

Centre for Implosion Research
Dolly Knight & Jonathan Stromberg
www.implosionresearch.com

It is recognised that the standard parameters used in scientific water analysis are inadequate in monitoring the effects of subtle energy devices on water. Such devices can cause direct or indirect effects such as changes to the structure and light emissions of/from water. This in turn can have an effect on the life giving, sustaining and enhancing quality of water.

Using the products of CIR, the following methods and results were presented:

- Darkfield microscopy – images by Dr. David Schweitzer, London and Dr. Derek Hasdell, Japan. Applying the Vortex Energiser increases coherence of clusters and light emissions.
- Light scattering experiments by Dr. Bernd Schmeikal, testing the irradiance of blue stray light at a wavelength of 470nm at the critical transition from liquid water to ice. At the transition time a shock of irradiance occurred which was different for the two types of water and proves that their structures cannot be identical. Compared to the tap-water under test, the imploded water generates ice more transparent than tap-water. Ice from the imploded water is more glassy and capable to freeze the dynamic states of the original liquid water from which it stems. This liquid must have a different ratio of concentrations of water dimer-, trimer-, and tetramer isotopomers over water pentamer- and hexamer molecules as compared to tap-water.
- Lymphocyte viability tests by Roger Coghill showed that the number and viability of in vitro lymphocytes remain higher in samples which were energised with the *Personal Harmoniser*.
- Kirlian photographs by Dr. Bernd Schmeikal, showing a profound energising effect of imploded water and of wearing the personal harmoniser on 5 patients. Furthermore, degenerative signs in the Kirlian photos are restored.

4.9 Josef Pühringer: Some Thoughts about the Stuttgart-Experiment

by **Dipl.-Ing. Josef Friedrich Pühringer** (Physicist)

Project: Ph. D. Thesis on the Stuttgart Experiment

The results of the Pöpel-report is well know but I think it was never made an analysis of the way the results were calculated. Many people know that parts of the results including the negative friction of the "Wendelrohr" or calculated values.

The author tried to reproduce the results starting using the Bernoulli-equation describing streaming in tubes. The surprising results where:

1.) The formulas used by Prof. Pöpel are wrong which leads to a mistake of about 1,5 to 9 %. This isn't neglectable when trying to find out if there's negative friction or not.

2.) There is a too low number of experimental values especially for the experimental-setup, so Prof. Pöpel has to make extrapolations to get the friction for the tubes.

3.) The experiment-setup gives also some hints that the method used to measure the friction-losses is leading to incorrect results.

Though this mistakes the Pöpel-report is a pioneering account for the work of Viktor Schaubberger showing that scientific methods can give hints for his claims. (Especially the experiments with the threads showing double twisting and the shadow behind thin copper-threads.)

Those interested in the details analysis can order it from the author at the self-cost-price or can get it in electronic form.

4.10 William Baumgartner: Geometry of Ether Flow Around Twister pipes [Wendelrohre] & Energy from Space through the Quadropole System of Nature

Not received

4.11 Anton Salat; Horst Kersting: Public Relations and Activities on Fairs

Not received

5 DAY 3: Sunday 11.3.2001

Leader of the Discussions: Curt Hallberg

8:00 – 8:30	Pasquale Tribuzio: Could the Projective Geometry developed by George Adams help us to comprehend V. Schaubergers Ideas?
8:30 – 8:45	Curt Hallberg: Spiral Tubes and Viktor Schauberger's Turbine
8:45 – 9:15	Discussion
9:15 – 9:45	Cedric Mannu: Genesis according to Schauberger: Aether and Life. Discovery of a new Field
9:45 – 10:00	Discussion
10:00 – 10:15	Coffee Break
10:15 – 10:45	William Baumgartner: The Design and Manufacture of Wendelrohre
10:45 – 11:00	Discussion
11:00 – 11:45	Discussion: Is a Joint Work needed and how would it be Possible? Answering questions arised during the Workshop
11:45 – 12:00	Pasquale Tribuzio: Official End-Speech

5.1 Pasquale Tribuzio: Could the Projective Geometry developed by George Adams help us to comprehend V. Schaubergers Ideas?

In 1999 some friends and I decided to reproduce the experiment done by professor Pöpel with the drilled vortex tube. We began with the study of some documents from and about Viktor Schauberger. Then soon some patents followed.

But the detailed explanations on how these applications where working, are not well explained or still missed.

This doesn't mean that Viktor Schaubergers Ideas were wrong.

We then decided to follow Mr. Kullbergs footsteps on how to reproduce the experiment.

We bought a Kudu Horn and tried to make a "Plast form" of it. Unfortunately the form broked, and no replication has been made till now.

Just before we decided to make a replica of the Kudu-horn, I began to look after a way to draw the egg curve.

Soon I found out that the egg curve doesn't exist, but plenty of them. Until now I found 3 ways of doing that.

- 1) The first is the one witch we find in the "Vesica Piscis" – a term from Sacred Geometry.

- 2) The second is called the “Cartesian oval” studied by Descartes in 1637.

$$\text{oval} := ((1 - m^2) * (x^2 + y^2) + 2 * m^2 * c * x + a^2 - m^2 * c^2)^2 - 4 * a^2 * (x^2 + y^2)$$

By changing the parameters a Limaçon of Pascal can be drawn.

- 3) The third is called the “Cassini oval” and is very similar to the second.

$$\text{Cassini} := (((x - a)^2 + y^2) ((x + a)^2 + y^2) - b^4)$$

By changing the parameters a Lemniscate can be drawn.

Further researches on the egg form, brought me more and more to projective geometry. I found some evidences that George Adams and Viktor Schauburger where studying in the same field but with a different approach.

George Adams was a follower of Rudolf Steiner’s ideas. Adams saw a strong relation between the idea of a counter space, claimed by Rudolf Steiner, and the Principle of duality on which the “Projective Geometry” is based.

For Adams and for Viktor Schauburger, both the vortex as principle and the rhythm are keys in the process of creation of forms and living beings, as well as for all forces. Projective Geometry made it possible to explain some characteristics of the so-called Ether, as it has been experienced and understood by Rudolf Steiner.

Adams was not the only one who contributed to the Projective Geometry. There were also Georg Unger, Louis Locher, Lawrence Edwards.

Lawrence Edwards himself spent nearly 40 years in studying variations in growth of different plants and seeds. He found cyclic pattern in their growth that correlated with the movements of the planets surrounding the Earth.

This should not mislead us to believe that planets do have effect on living beings. But, that the same laws, which are governing the movement of the planets, do also affect the rest of creation.

Adams was also studying path-curves to be able to visualize the flow of water and to find path curves that could clean or affect the quality of Water. John Wilkes

John Wilkes afterward made a model of such a Path-Curve.

Wilkes developed then his “Virbela Flowforms”.

Nick Thomas, Peter Gschwind, Renatus Ziegler and others are still studying and developing projective geometry.

For me it’s very clear, that George Adams and V. Schauburger where both studying in the same field, but each one in his own way, the way that was familiar to him and to his perception of the world.

I believe that Viktor Schaubergers Ideas and Applications can only be understood by observing Nature and studying the writings of George Adams, Lawrence Edwards.

5.2 Curt Hallberg: Spiral Tubes and Viktor Schaubberger's Turbine

A theoretical discussion of spiral tubes, some of their mathematical relations, and questions of geodetic lines (optimal paths). A discussion of water flow between rill plates and pattern formation (and possible mechanisms). Connections with Viktor Schaubberger's "home turbine". Experiments with a spiral tube rotor.

5.3 Cedric Mannu: Genesis according to Schaubberger: Aether and Life. Discovery of a new Field

Principles Cosmology of Universe

Aether is like an ocean of subtle particles. It is not taken in the physical meaning of wave pattern, but as the origin of everything. The visible world comes from elements, that are not material in any sense. They can be attracted in making the universe, by a self-generated movement, similar to two-fold circles waving in spirals. Wronski made direct analogy between God (time), Christ (space), and Spiritus (movement), and Aether is the essence of God. So one has to understand that Aether made the first movement in the same way as God created light...

Schaubberger understood this very operation of nature. He said that H was first to be created, and from H, Aether created O. This creation is similar to 1 deploying itself in 2 or 3, 2 being the way to 3, but nothing more than 1 – just a different geometric pattern in one (taken as a whole). After H and O, by multiplication, Water is formed. And, for Schaubberger as for Boutard, every other element (all called carbons) are taken from water, matrix of Aether manifestation in the physical world.

Biological Transmutation (Kervran)

Vauquelin's experiment and Zündel (with oat sprouting) showed that there is a way for natural transmutation, non radioactive, at low energetic level. Some calculation, made by physicist A. Gohin showed that Kervran's discovery cannot be explained by neutrino. Its energetic level is not important enough to explain this.

The basic experiment is that with one element (for example K^{39}) the chicken is able to make fine eggs, without taking Ca^{41} from its own bones.

It took some time to understand how nature accomplishes such a great mystery. But we at Eureka!, and especially Jacques Ravatin – main one of our leading searchers and scientist –, found a new way to comprehend reality and thought. In this process, "localisation and delocalisation" became a way to understand this kind of modification in the structure of reality. In the same way you look at a railway and your able to count, there will be one moment where you can't count anymore, and further away you will be able to count for one brief moment more. If you repeat the experiment, you will never get the same numbers. In physics, these shifts are due to change from a localized space to an unlocalized one.

Transmutation is not direct, it doesn't transform one matter into another. Implosion put one matter back again in Aether subtle matter, and from Aether, the new matter is shaped through maturation of this sudden change.

First devices – half replication, full success

Because we studied the links between thoughts and reality, and their cross-fertilization, we were soon able to get strong modifications out of Aether, and what Jacques Ravatin had theorised as "Forms & Coherent field theory". Eureka!

scientists created different devices, such as Actized, and we were able to make strong wine chemical modifications without adding any chemical or classic physical treatment. We were able to make micro bubbles appear in glass, transform water and make some chemicals disappear.

Aether (Louis Boutard)

Louis Boutard (1880-1958) is one of the French genius that we studied and continue to appreciate. The good thing is that such genius makes it easier to understand the ideas of Schauberger, and vice versa. If you know only one of them, the ideas can be hard to understand, and disturbing compared to our little ideas of what the world is. But as soon as you get ten or thirty such genius, their work, their understanding, and when you see that everything fit in a global unifying view, with the same strong understanding, although with different names and in different matters, then you are helped in your understanding of each one of them.

Boutard's principal discoveries are the origin of electricity, origin of magnetism. He was able to create life (not to transform it in a twisted and mischevious way, as genetic does). He created organic life (totally different from organic matter which is not living at all) from inorganic, by Aether conduction.

New devices – « Aether Soup » & Actimeyria

Boutard's devices were complex, although the principle were really simple and clear. So we worked on making devices proving our ideas, and strengthening the modifications we were already able to make. This guided us to the conception of Actimeyria, a water treatment device, inspired from Schauberger's ideas. We are now looking for funds in order to make a full working prototype. We also created a very simple device, based on very precise shapes, and surprisingly, these shaped naturally put Aether into movement, seducing it so as to concentrate it in a closed "recipient". We found that the air itself had a different touch and feeling, more energised, denser, heavier – like a kind of microscopic soup.

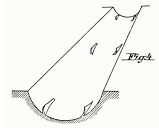
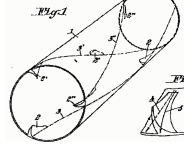


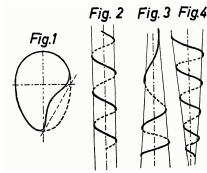
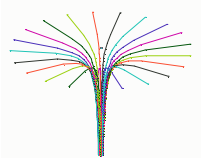
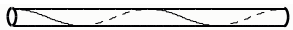
We are now working so as to concentrate it more and more, until we will be able to model this very matter into shapes...

As a brief conclusion, Schauberger's genius is proven true, not only in the way of movement, or finely crafted devices, and well designed practical applications, he is true in his cosmological views of the universe. For this view, this beautiful understanding of the creation, he will have the proper respect and admiration he deserves for the years to come.

5.4 William Baumgartner: The Design and Manufacture of Wendelrohre

Not received

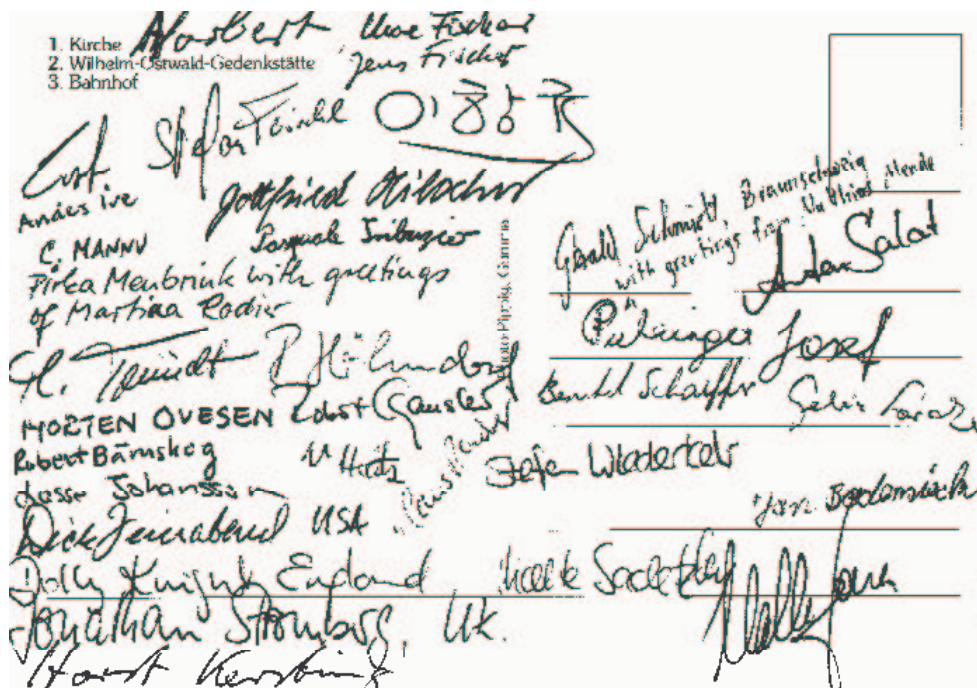
6 Designations

Drallrinne	Fin Channel	
Drallrohr	Fin Pipe	
Doppeldrall-Rohr	Spiral Fin-Pipe	
Schauberger-Kudu-Rohr	Schauberger-Kudu-Pipe	
Wendelrohr	Whorl-Pipe	
Hyperbolischer Schauburger-Trichter	Hyperbolic Schauburger-Funnel	
Spiral-Rohr	Twist Pipe	

6.1 Geräte zur Erzeugung von Vor- und Auftrieb.(Generation of propulsion and buoyancy)

Repulsine (Pat.-Nr. unlesbar; unreadable)	Um- und Aufbau gasförmiger Substanzen (Alterations and synthesis of gaseous Substances). Kennzeichen: Die erwünschten Sog- und Druckeinflüsse auf das Durchströmgut werden mittels Doppelmembran (Patent 146 141) erzeugt. Bis zur Anmeldung des Patents 19 395 bezeichnete V. Schaubberger die Repulsine als Repulsator. (Main characteristic: Rilled-Double-Membrane (Patent 146 141). Attention: Viktor called it Repulsator until the registration of Patent Nr. 19 395 !
Repulsator (Patent 19 395)	Um- und Aufbau tropfbar - flüssiger Substanzen.(Alterations and synthesis of liquid substances). Sie dient der Vermehrung der Substanz und ihrer qualitativen Verbesserung. (Increase and quality-improvement of substances). Kennzeichen: Die erwünschten Sog- und Druckeinflüsse auf das Durchströmgut werden mittels parabel- und hyperbelförmiger Leit- und Gleitflächen erzeugt.(Main characteristics: Vanes of parabolic and hyperbolic shape)

7 Greetings of the participants to one classic: Olof Alexandersson



1	Baumgartner, Helen	USA	13	Hilscher, Gottfried	D	25	Ovesen, Morten	S
2	Baumgartner, William	USA	14	Höhndorf, Reiner	D	26	Pühringer, Josef	A
3	Berskog, Robert	S	15	Ive, Anders	S	27	Rauber, Klaus	D
4	Bodensieck, Jan	D	16	Johansson, Lars	S	28	Sadetzky, Malte	D
5	Feierabend, Dick	USA	17	Jonas Volker	D	29	Salat, Anton	D
6	Fischer, Jens	D	18	Kersting, Horst	D	30	Schaeffer, Bernd	D
7	Fischer, Uwe	D	19	Knight, Dolly	UK	31	Schauberger, Jörg	A
8	Fröschl, Stefan	A	20	Lechner, Karl	D	32	Schmidt, Gerald	D
9	Gansler, Robert	D	21	Lee, Hang-Gyu	D	33	Stromberg, Jonathan	UK
10	Haitz, Michael	D	22	Frau Lerche	D	34	Tribuzio, Pasquale	CH
11	Hallberg, Curt	D	23	Mannu, Cédric	F	35	Trundt, Monika	D
12	Harthun, Norbert	D	24	Meubrink, Pirka	D	36	Wiederkehr, Stefan	CH