

# Future Energy

**Seventh Conference On Future Energy Program**



**IRI Moves the Seventh Conference on Future Energy to the Embassy Suites in  
Albuquerque NM, July 29-August 1, 2015**

**In Cooperation with TeslaTech and the ExtraOrdinary Technology Conference**

**Integrity Research Institute**

## When will wireless transmission of electrical power be feasible and what is the range?

Thomas Valone, PhD, PE

Integrity Research Institute

2015

We recommend the first chapter of the book, [Harnessing the Wheelwork of Nature: Tesla's Science of Energy](http://tinyurl.com/gbx7w3n), <http://tinyurl.com/gbx7w3n> with nine (9) chapters just on wireless transmission.

I also have addressed the subject on the History channel in a five minute excerpt that compares Tesla's achievement to the latest MIT attempt at wireless power (621 MB mp4 video on Dropbox): <http://tinyurl.com/kc4uz99>. Interestingly, at the end of this segment, a similar question is posed.

However, many people like to know the specifics and luckily, the world's expert in my opinion, Dr. Jim Corum, Professor Emeritus from University of West Virginia, has contributed several technical articles to the Harnessing book mentioned above, that contain all of the electrical engineering answers. However, the best is reprinted in our ["Tesla Wireless Report"](#) also on Amazon. The important details are that upon analyzing the earth-ionosphere resonant cavity modes and comparing the findings with Tesla's measurements, he finds three important facts: (1) the spectral response is dominated by the 8 Hz Schumann resonant frequency for the radial electric field and the azimuthal magnetic field; (2) the cavity Q, which is a very important "quality factor" for any circuit including such an EMF cavity, has been measured to be between 3.8 and 7.8; and (3) the Propagation Attenuation Constant is small based on the relatively low Q and as a result, about **"0.25 dB per thousand kilometers"** as compared to about 1.2 dB per thousand kilometers for conventional power transmission lines at 200 kV 60Hz which is the only way that wired AC electricity can efficiently be delivered through the transmission-distribution grid. After three thousand kilometers, transmission lines drop below the 3 dB point of a 50% loss in power.

As any electrical engineer knows, the details can be calculated. Say we want to feed at least the US with wireless 8 Hz electrical power across the 4200 km of the US from East coast to West coast. We only lose about 1 dB transmitting through the Schumann Cavity or **about 20% of the input power** using the above information, as compared to an horrendous loss of over 65% using the transmission-distribution grid. However, with wireless Schumann cavity transmission, there are other factors which in actuality, favorably add to the transmission energy which when studied seem to defend Nikola Tesla's use of the term: **"Magnifying Transmitter"** as suggested by the 1911 New York American article which predicts television, telephony, and instantaneous transmission of "typed characters, images, and photographs". These factors include a sharing and pumping of energy between the magnetosphere and the ionosphere (article included in the Tesla Wireless Report), which Dr. Elizabeth Rauscher has predicted will be the main contributor to the magnifying effect (see her article in the Harnessing book).

As to when this technology could be mainstream, the fascinating part is that [two Russian physicists](#) are attempting to do it for a few hundred thousand dollars with crowd funding (PBS Newshour, 7/10/14). It would be great to have them present at our COFE as well [www.futureenergy.org](http://www.futureenergy.org). All that is needed are two identical towers at either end of a continent, one for transmission and the other for reception. And yes, Dr. Corum even calculated the exposure that such a transmission through the 60 km average height of the earth-ionosphere cavity would create for humans in the path and it turns out to be barely measurable, compared to all of the other EMF pollution from cell towers, television and radio. Listen to Dr. Nick Simos at COFE7 explain how compatible the transmission of electrical power is to the earth-ionosphere cavity. IRI advocates the wireless transmission of electrical power, especially for the third world countries.



# Seventh Conference on Future Energy Program Schedule



Updated 7/1/15

Thursday July 30

Friday July 31

9 AM	Dr. Tom Valone – Future Energy Trends and Latest Technologies	Robert DeBiase – Asymmetric Force from Casimir Plates Experiment
10 AM	Ryan Wood – Detailed Analysis of Papp Engine, An In-depth Investigation	Carlos Hendriques – Master’s Degree Project Casimir Cavity Forces
11 AM	William Alek – Revealing Antigravity Technology	Marcus Reid – Reid Crystal Cell Vacuum Energy Electron Pump
12noon	LUNCH	LUNCH
1:30PM	Mike Weiner – My Career as an Electrodevice Entrepreneur	Dr. Thorsten Ludwig – Single Atom Experiment
2:30PM	Stephan Weigandt MS – New Solution-car mileage, land irrigation and more	Dr. Jacqueline Panting – New Healing Paradigm: Pulsed Magnetic Fields
3:30PM	AFTERNOON BREAK	AFTERNOON BREAK
4:00PM	Robert Smith – Getting Millions for Your Inventions and Free Publicity	Mike Gamble – History of Boeing’s Control Moment Gyro (CMG) Force Production

**Note: Some Plenary COFE7 Speakers also lead joint sessions with the concurrent ExtraOrdinary Technology Conference (COFE7 attendees admitted for free):**

- Wednesday July 29, 5 PM – Dr. Tom Valone (Integrity Research Institute) – Spiral Magnetic Motor Development
- Friday July 31, 7 PM - Dr. Nick Simos (Brookhaven National Lab) – Classical Approach to Tesla’s Wireless Energy
- Saturday August 1, 1 – 3 PM – Stephan Weigandt (New Solutions) In-Depth Workshop on New Solution Products
- Saturday August 1, 4 PM – Mike Gamble (Boeing) State of the Art Inertial Propulsion Engineering – Overview of Principles of the Science

**REGISTER NOW:** ONLY \$200 for COFE7 unless using discount postcard (and 50% of ExtraOrdinary Tech admission) [www.Futureenergy.org](http://www.Futureenergy.org) Call IRI at 301-220-0440 or 800-295-7674 to register by phone. Email: [IRI@erols.com](mailto:IRI@erols.com) FAX: 301-513-5728

**ExtraOrdinary Technology 2015 Conference List of Speakers includes...** • **Thomas Valone PhD** - V-Track Spiral Magnet Motor Development • **Charles J. Crosby DO, MD(H)** - Revolutionary Cams Technology • **Janna Mintz** - BEMER Physical Vascular Technology • **Edward Kondrot, MD** - Saving your Eyesight with FSM Treatments! • **Thorsten Ludwig, PhD** - Overunity Test on a Kromrey Generator, ZPE and Magnetism • **Russell Anderson** - Free Energy, Magnetic Converters and Antigravity • **Dannel Roberts** - Magnets and the Torus Structure • **David Puchta** - The Linear Magneto Effect • **Josh Silver** - Modern Use of High Power PEMF Therapy and its Scientific Basis • **Aeron Goldheart** - Tesla’s Humanitarian Wireless Technology Helps Relieve PTSD • **Wil Spencer** - Galvanic Skin Response (GSR) Hand Scanner • **Max Miller** - Stan Meyer Unveiled! Convert Water to Fuel • **Moray King** - Vibrating Water Electrolyzers • **Andrew Batty** - Engineering Modern HHO Technology With Quantum Physics • **Nikolaos Simos, PhD** - A Classical Approach to Tesla’s Wireless Energy • **Michelle Murphy** - Cold Fusion vs. Thorium as an Alternative to Nuclear Power Plants • **Slobodan Nedec** - Thermo-Gravitational Oscillator • **Bill Alek** - An Introduction to FREE Energy and Overunity Technology • **Harvey Fiala** - A Patented Inertial Propulsion Device • **Michael Twichell** - Aether Gravity • **John Rahart** - Bringing the Ethers Home... Practical Apps & Devices • **Suzanne Price** - ZPE: Quantum Threshold of Future Science • **Mike Gamble** State of the Art Inertial Propulsion Used by Many Aerospace Companies for Years Unbeknownst to the General Public or the Media

# Abstracts and Biographies of Plenary Speakers at COFE7



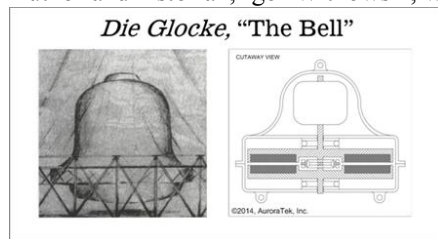
Arranged alphabetically by the speakers' last name

Sponsored by Integrity Research Institute [www.futureenergy.org](http://www.futureenergy.org) in cooperation with TeslaTech

- **William ALEK** is President and CEO of AuroraTek, Inc. dedicated to bringing forth advance and exotic FREE Energy Self-Sustaining Technologies to the world. Energy researcher and developer of the SmartPAK / SFT FREE Energy / Overunity Energy Management System, William Alek will reveal and demonstrate the fundamental operating principles behind 'The Bell.' He will connect the proverbial 'dots' between FREE Energy and Antigravity Technology.

## “Revealing the Secrets of Anti-Gravity Technology”

Author and historian, Igor Witkowski, wrote a book first published in 2003 called, “The Truth About The



Wunderwaffe.” In it, he uncovered evidence of a secret WWII German NAZI project called, ‘Die Glocke.’ The project began in the late 1930’s and given the highest classification, which was “War Decisive.” This classification was higher than their atom bomb development. Igor described ‘Die Glocke’ or ‘The Bell’ as having two counter-rotating drums and requiring huge amounts of Direct Current electric power. Expendable slave laborers” built ‘The Bell,’ which were from the Gross-Rosen

Concentration Camp located in Rogoznica, Poland. Eyewitnesses at the camp observed the device “levitating” when operated. When WWII ended in 1945, according to author and historian Dr. Joseph Farrell reported ‘The Bell’ was loaded aboard a Junkers JU-390 aircraft and flown down to Argentina along with Hitler’s Top Brass including Hitler himself. The Germans apparently continued their secret work developing ‘The Bell.’

- **Robert DEBIASE** is retired from Telcordia Technologies where he worked on software solutions for twenty-three years. He is currently an independent researcher who has published original papers in the Journal of the British Interplanetary Society and Elsevier’s ScienceDirect Physics Procedia. He has presented papers on SETI, space solar power and the Casimir Effect at previous International Space Development Conferences as well as at various International Astronautical Congresses and the IAS-SPES conferences of 2010 and 2012. His current interest is the Casimir Effect and whether it might enable a future propulsion system.



## “Asymmetric Forces on Casimir plates – real or mathematical artifact?”

There are two interpretations as to the source of energy behind the Casimir effect. In the first, the energy source is considered to be the zero-point fields in the vacuum of space between the plates. In the second, the source is considered to come from the potential energy of atoms in the bulk matter making up the plates. It is believed that these two interpretations are equivalent. The proximity force approximation (PFA), premised upon the vacuum interpretation, is used to calculate forces between certain non-parallel plates. The PFA corrected for plasma wavelength and temperature has been used to gauge experiments, all of which have been done at room temperature until recently, with good agreement. When applied to wedge geometry, anomalous asymmetric lateral forces appear. Because the PFA is premised upon tiny parallel plates, the local geometry of non-parallel plates is lost. When local geometry is considered, additional anomalous asymmetric forces appear. The pair-wise summation (PWS) approximation, based upon the bulk matter interpretation, does not produce asymmetric forces. Given the putative equivalence between the two interpretations, asymmetric PFA plate forces could be written off as mathematical artifact. There are problems with the equivalence hypothesis, the most notable being that the PWS calculation is much smaller than the PFA and requires a ‘renormalization’ factor. This fact, coupled with the possibility of an additional



temperature dependent correction means that the two points of view may not be equivalent but complementary, allowing for the anomalous asymmetric forces to be real.

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**- Michael GAMBLE** was born in Fergus Falls, MN back in 1952. Been married to my wife Ellen for the past 25 years and have two teenagers. Put in 5 years as a Chevy Mr. Good Wrench and then went back to college. Earned a bachelor's degree in electronics engineering at Northrop Institute of Technology, CA, graduated magna cum laude in 1978. Worked 10 years for a number of small companies. One in the wood products industry as a field service engineer (racked up 600,000 miles travel) and another in automotive fuel injection design and MFG both here and in China. Came to Boeing Sept 11, 1985 and have been with them since. Over the past 29 years I have worked many programs for Boeing commercial and a number of classified aerospace ones. Presently am working in a (BR&T) Boeing R&D group with smart material (Nitinol / Piezo) actuators. We bend (morph) structures like rotor blades, engine nacelles, wings, flaps and rudders.



### **“State of the Art Inertial Linear Propulsion”**

Will start this presentation with a look back at rotary motion as it's still the primary power source of today. This presentation on “Linear Propulsion” was generated from web based data, previous papers and contains no Boeing material. Disclaimer clearing my employer “The Boeing Co.” of any/all content of this presentation.

### **“Boeing’s Control Moment Gyroscopic Propulsion Engineering”**

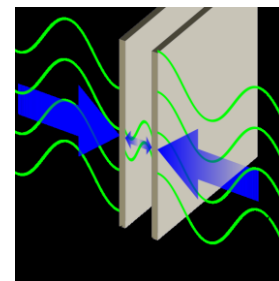
This presentation is mainly a short non-technical pictorial history of Boeing’s (CMG) Control Moment Gyro work. CMG work started back in the 1960s and continued on into the 1990s. I got involved with this work in 1995 when I took over the (GN&C) Guidance, Navigation and Controls lab operations at the Boeing Kent (WA) Space Center. This lab and the building that housed it were badly damaged in the 2001 Seattle earthquake and later demolished. The pictures show many of the different types of test articles built and used along with some of the lab facility itself. This facility (black room) could simulate most “space” conditions except for vacuum (air drag). As this facility no longer exists it's now possible to present this information.

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**- Carlos Alberto de Oliveira HENRIQUES** is a PhD student and researcher in LIBPhys, a Research Centre of the Physics Department of the University of Coimbra, Portugal. He graduated in Physics Engineering in 2012 at the University of Coimbra and acquired the Master's degree in Instrumentation in the same institution in 2014. He has 3 years of research experience in radiation gaseous detectors with some published papers. Nowadays, he is involved in several research projects in LIBPhys and is doing his PhD in the NEXT Experiment, an international collaboration to study the neutrinoless double beta decay with a High-Pressure Xenon TPC. His PhD work will be carried out in Coimbra, Portugal, in Salamanca, Spain and in Valencia, Spain.

### **“Atomic Energy Shifts Induced by Casimir Cavities”**

Stochastic Electrodynamics (SED) is a modern version of the relativistic classic electrodynamics with the implementation of a random electromagnetic zero-point field background (ZPF). This theory has astoundingly described many atomic systems, until now explained only by Quantum Electrodynamics, for example, the atomic orbital stability, whose energy levels would be predetermined by the ZPF. Therefore, since a Casimir cavity suppresses some of the ZPF modes, the atoms inside such cavity could undergo level shifts in their ground



and excited states. Through this principle, the switching of ground or excited atoms between Casimir cavities and the free space could lead, respectively, to the detection of radiation or energetic gain in their radiative properties. In the present work we examined previous related researches and proposed new methods to extract energy from the ZPF using pre-excitation of atoms. We started to study the atom-ZPF interaction inside and outside of a cavity by computational means, using some models already presented in the literature and developed, in addition, more robust new ones. Lastly, we projected and assembled a gas circulation system to study the radiative properties of Xe atoms flowing through nano-porous metal-coated membranes. With the pre-excitation technique we didn't detect any energy shift. However, it was proved that our instrumentation was too insensitive in those energy ranges. With the ground-state technique, using pores with 50 nm in diameter, we didn't detect any shift in the energy range from 1.9 to 7.8 eV.

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**- Thorsten LUDWIG, Ph.D.**



worked at the Technical University of Berlin from 1997 to 2005 and received his Master in Physics in 2001 and completed his Doctor of natural Science in 2005, both summa cum laude. At the Technical University he also made contact to other scientists and engineers interested in new energy technologies. As a result a group including Thorsten Ludwig founded the Berlin Institute for innovative energy and propulsion technologies in 2001. The institute is committed to gather information, evaluate technologies and conduct research and development in the field of new energy technologies. The institute has done projects with catalytic hydrogen production, plasma tech, magnetic motors and solid state energy conversion. Out of interest in the field of new energy technologies Dr Ludwig has participated in a large number of international conference on future energies, atomic physics and the workshop series QFEXT. The series discusses the quantum field theory under the influence of external fields. In this workshop both theoretical and experimental physicists meet, to discuss the latest findings around the Casimir-effect and its application.

**“A Single Electron Experiment”**

In order to test outside effects on the spin direction of a single electron, Coherent CR 699-21 dye Laser that provides the tuned wavelength. A large Newport optical table was bought and installed to house the Laser set up. Another major part is the ultra-high vacuum, that is needed so that the ions can be used in the experiment for days without colliding with residual gas molecules. In order to achieve better vacuum a cryo shroud from Duniwad, California was installed around the TSP (Titanium sublimation pump). Another task done was to replace the vacuum valve with a VAT valve from Switzerland that is rated to  $10^{-12}$  mbar. With the implementation of these items the vacuum could be lowered to  $10^{-11}$  mbar range. To detect the ions that are leaving the trap a 4822B channeltron from Photonis was bought and installed. The signal processing of the channeltron pulses was improved and the counting with SR 400 (Stanford research) photon counter works very well now. A number of major tasks remain to be done before the project is completed. The Laser beam needs to be frequency doubled and stabilized to be of narrow bandwidth. The vacuum system with the ion trap and the Laser set up need to be joined together. A UV camera needs to be bought, installed and integrated into the apparatus.



**- Jacqueline PANTING**

Dr. Panting Valone is the Executive Director of Integrity Research Institute. She is a strong advocate of holistic health including electromagnetic medicine and is responsible for the Health programs of our Institute. Her experience in the field of medicine and health includes management of a cardiology wellness center with locations at Mt. Sinai, Parkway and Cedars Medical Center and a Partial Hospitalization Program in Miami, Florida for nearly 20 years. In the beginning of her career, Dr Valone worked for Group Health Incorporated, who from 1976 through 1981 was awarded the management of the Medicare Part B system for the state of Florida. Mrs. Valone received her Doctorate degree in Naturopathy from Trinity College of Natural Health and is certified through the College of Natural Health Professionals, CNHP.



## **“New Healing Paradigm: Pulsed Magnetic Fields”**

Today there is a crisis in Health Care. Unsafe drugs... Vioxx, Bextra, Celebrex, Crestor, etc. along with unnecessary surgeries, uncertain outcomes. 100,000 deaths and 2.2 million nonfatal events from ADR in the US in 1994. 30% of patients do not benefit from prescribed medicines. A medical doctor named Glen Gordon found 12000-3000 pulsed electromagnetic field (PEMF) articles in National Library of Medicine and the largest study ever by NASA on PEMF. He further researched and pioneered DOD use of PEMF devices in Iraq and initiated an acute trauma study. FDA has approved PEMF for bone fracture non-unions since 1979. W.H.O. reviewed worldwide and found “no adverse side effects.” However, such PEMF products are not readily available for the consumer. Dr. Gordon championed the NASA findings on PEMF which centered around nanosecond pulses. These very short rise time magnetic pulses were found to stimulate HSP 70 which is a “chaperone” protein found in heat shock but also expressed in wound healing and tissue remodeling. NASA further found 2-4 times healing power with nanosecond pulses. Vascular endothelial growth factor (VEGF) was enhanced for blood vessels. The short pulses also increased mitochondria 300-400% and promoted antioxidant healing activity up to a hundredfold.

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**- Marcus REID** was born on 12/27/68 in Cape Town, South Africa. From 1978, he has been living in Germany with some interruption. Since 1998, he engaged in the research of asymmetric electromagnetic systems. Marcus Reid completed school with a senior high school diploma. He privately studied Vacuum Energy Physics under nuclear physicist Col. Thomas Bearden. Besides that he is a self-taught researcher with skills in platonic geometry, philosophy and mechanical engineering. In 1999 he replicated the "Bowman" permanent magnet motor in various designs. In the years from 2001 to 2003, he developed the Magnetstermotor in various versions.



## **“Reid Crystal Cell Vacuum Energy Electron Pump”**

In the lecture I explain the function of the Reid-Cell as well as the general theoretical approach of how to extract an excess amount of energy from the vacuum. It was developed in 1998 as the idea of a permanent "electron pump", which is the “Reid-Cell”, formerly called the "Crystal Cell". Marcus will have his assistants present in his place: Marc Cuthbert and Rolland Gregg.

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**Herbert RENNER** was born in 1967 in Salzburg, Austria. After working for an electronic department at an electric engine manufacturer he became an Industrial Engineer and worked as a Manager in the Würth Konzern. In 2000 he met his current business partner. She was working as a naturopath and focused on vibrational medicine. This technology, which is based on Zero Point Energy, was applied to technical applications in 2001 to optimize combustion engines. Today in 2015, the applications of Space Energy are widened to applications to save energy in electric parts, to free contaminated material from unwanted substances, to save water and to improve wellness and health of people. Presenting “New Solution for You” with Stephan Weingandt.

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**- Nikolaos SIMOS, Ph.D., P.E.** is a member of the Brookhaven National Lab scientific staff and has been with the Lab for 18 years. He has been the principal investigator in a wide spectrum of research and technical projects including the earthquake safety of nuclear facilities and accelerators, the stability of geostructures and the design and delivery of accelerator systems such as the collimating structures of the Spallation Neutron Source. In recent years Nick has led a series of comprehensive studies for the Department of Homeland Security and other agencies addressing the vulnerability of the national critical infrastructure through state-of-the-art modeling and simulation of large-scale, extreme events. Nick has also been a team member in several high power accelerator experiments focusing on the interaction of intense proton beams with targets. He has led a DOE-funded experimental research on radiation damage of critical accelerator components including production targets, collimating structures, detector components, etc. Nick has also been an adjunct



professor of engineering at the graduate schools of Polytechnic Institute of New York and the City College of CUNY in the areas of Vibration, Finite and Boundary Element Analysis and Earthquake Engineering. Nick holds a degree in Naval Architecture from the Technological Educational Institute of Athens, Greece, a Bachelor and a Master of Mechanical Engineering from the City College of CUNY, and a PhD in applied mechanics from the City University of New York. He is a Professional Engineer (PE) with the State of New York.

### **“Classical Physics Assessment of Tesla’s Worldwide Wireless Energy System”**

Fascinated by Nikola Tesla’s theory of wireless transmission of electrical power to possibly help solve the world’s electricity needs without expensive infrastructure, he decided to research the classical electromagnetics explanation of how low frequency EM waves could be transmitted through a parallel plate capacitor cavity around the earth. Finding the transmission channel is formally called “the earth-ionosphere spherical cavity” he proceeded to develop the video animation after solving Maxwell’s equations with such natural electrically conductive boundary conditions, some of which was shown at COFE6. The latest result is an exciting confirmation of the high transmission efficiency predicted by Tesla and a more precise physics description of the behavior of the EM waves in the earth-ionosphere cavity with a Tesla Tower transmitter and similar resonant receiver on the other side of the world. This presentation is based on what we understand as classical, mainstream physics from the Standard Model . Its aim is to steer clear from convoluted concepts which, after have hurt rather than helped Nikola Tesla’s scientific contributions and reputation. On the basis of the fundamental laws that describe (or as best as we think we understand them) electromagnetic, resonance and other physical phenomena, this presentation examines Tesla’s WorldWide Wireless Energy System and attempts to qualify questions and present quantified answers.

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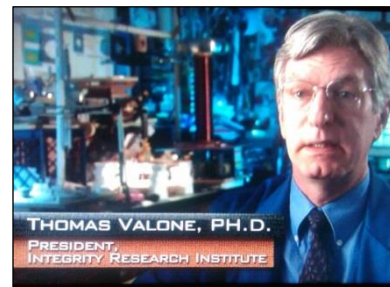
**- Robert SMITH** is a top PR expert who has gotten millions in publicity for his companies and his clients. He has helped many inventors including a product that sold over \$500 million. He is former host of Million Dollar Marketing, a Chicago-based TV show and he has been featured in *Entrepreneur* Magazine, *USA Today*, CNBC, *Fortune*, and many others.  
robertsmithpr.info

### **“How Inventors Can Get Millions in Free Publicity”**

- How to get your product on local TV
- A sneaky way to get an any magazine at no cost
- 5 types of publicity
- Proven strategy for telling 200 million people about your invention for FREE
- The biggest mistake inventors make
- Why he turned down The Oprah Show twice
- Is he the craziest man in America?
- How to use publicity to raise money for your invention

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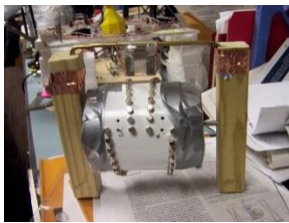
**- Thomas F. VALONE, Ph.D, P.E.** Physicist and licensed professional engineer with 30 years professional experience, a patent examiner, research engineer, instrumentation and energy harvester designer, Dr. Valone is also an author, lecturer, and consultant on future energy developments. He has a Master’s in physics from the State University of New York at Buffalo, a Professional Engineer’s License in NY State, and a Ph.D. in General Engineering from Kennedy-Western (Warren National) University. He is President and founder of Integrity Research Institute and formerly a physics teacher at Erie Community College and previously a Research Director for Scott Aviation-ATO, Inc. He helped design the HullCom® for naval intraship communication, a 60 Hz gaussmeter without harmonic distortion, two bioelectric therapy devices, and a dental mercury vapor ionizer-precipitator. He is editor of *Future Energy, Energetic Processes Vol. I & II, Turning the Corner: Energy Solutions for the 21<sup>st</sup> Century* and a few conference proceedings, as well as author of *The Future of Energy: An Emerging Science, Zero Point Energy: The Fuel of the Future, Harnessing the*





*Wheelwork of Nature, Practical Conversion of Zero-Point Energy, Homopolar Handbook, Electrogravitics Vol. I & II, Bioelectromagnetic Healing, Bush-Cheney Energy Study, Clinton Administration Energy Study* and about 100 published reports and articles. He has also served as an expert witness, an expert declaration writer for court cases and appeared on CNN, A&E, History and the Discovery Channels, besides a few commercial energy videos. He has been a keynote speaker for both the Earth Transformation and the Whole Person Healing Conferences as well as a visiting scholar for Humanity 3000 Symposium at the Foundation for the Future in Seattle, WA. The World Future Society and the American Institute of Aeronautics and Astronautics (Joint Propulsion Conference), to name a few, have also served as a platform for his presentations. National Philosophy Alliance has posted a [Valone biography and book summary](#) online. Currently, Dr. Valone is a member of the Institute of Electrical and Electronic Engineers, the Bioelectromagnetics Society, the National Space Society and the Union of Concerned Scientists. He is also a Fellow of the World Innovation Foundation. His works have been published in German, French, Russian, Romanian, Korean, Swedish and English. He can be reached through Integrity Research Institute, 5020 Sunnyside Avenue, Suite 209, Beltsville MD 20705 and [www.IntegrityResearchInstitute.org](http://www.IntegrityResearchInstitute.org).

**“V-Track Spiral Permanent Magnet Motor”**



The principle of applying an inhomogeneous, anisotropic magnetic field gradient force with permanent magnets is well-known in physics, e.g., Stern-Gerlach experiment, which exploits the interaction of a particle’s magnetic moment with the aligned electron spins of inhomogeneous aligned magnetic domains of nearby magnets. A spiral magnetic stator utilizes the same principle and can accelerate a properly magnetized rotor through 90% of its cycle with only permanent magnets, so it is ripe for research. In this report, the inhomogeneous change in the magnetic field  $B$  is in polar coordinates, where the resulting force  $F_{\theta}$  depends equally on

the magnetic moment, the cosine of the angle between the magnetic moment and the field gradient. The corresponding radial or axial magnetic field, depending on the mode, increases in strength (in the attractive mode) or decreases in strength (in the repulsive mode) as the rotor turns through one complete cycle. Magnetic switching and the new V-Track design with a dual spiral rotor are the primary focus of research to advance this invention.

**“Future Energy Trends and Technologies”** With the decline in climate quality and continued use of fossil fuels in the 21st century, the discovery and development of fuel-free energy sources is mandatory for humanity’s survival. More unconventional energy technologies are emerging that offer hope for future energy, which is the subject of this presentation. Beyond biofuels, wind and hydrogen are energy and propulsion discoveries that are being developed into revolutionary viable and portable devices. This is a lively PowerPoint presentation with two short video clips included that invariably captivates the audience.

**- Stephan WEIGANDT** holds a Master of Science in Physics from the University of Basel in Switzerland, which he acquired in 1995 in the area of solid-state physics, specifically scanning tunneling microscopy. After working for 2 years at Swiss Bank Corporation he found his passion for entrepreneurship and cofounded his first company in 1998 in Basel, Switzerland called Predict AG where he specialized on designing and developing complex CRM systems by creating automated, self-controlling processes, especially in the area of predictive modeling. After selling his company he used the opportunity to come to San Diego, California and start Modern Analytics in 2002, which focused in the beginning on predicting the stock market and later offered their proprietary framework to Fortune 500 companies in order for them to optimize the marketing and sales efforts.

**“New Solution For You”**



We will present various solutions for pressing real world problems (e.g. water scarcity and ground contamination). With a new technology the information structure of the target material/environment (e.g. ground) is influenced and hence its characteristics are optimized (e.g. water needs). This technology modifies a carrier

material on a subatomic level and hence enables it to become a bridge between the Free Energy Field and the environment it is in and influences its information structure. The carrier material serves as an antenna and can be set to a specific frequency to achieve the desired application. With our technology we will show that we can reduce water irrigation by at least 60% (can be applied to landscaping, agriculture or trees) and at the same time also improve the produce. The carrier material is here standard steel. In another application we show that our technology can be used to free the ground from radioactive contamination (Ce-137) within only 14 months, which usually takes hundreds of years (carrier material is stainless steel). We will also talk about new applications of our technology that we are working on (e.g. cleaning contaminated water e.g. from plutonium). Other existing applications of our technology include devices that improves burning processes (by 6%-20%) while reducing emission (50%-100%), a pad, that improves the efficiency of solar panels by 12%+, and various health applications which could be used to address diseases like back problems, MS, Parkinson, Diabetes, or other, and many more applications.

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- **Michael L. WEINER** founded Technology Innovations, LLC in February 1999 and serves as its Chief Executive Officer. Mr. Weiner was Co-founder of Biophan Technologies, Inc. and served as its Chief Executive Officer from December 2000 to October 3, 2007 and President until October 3, 2007. He served as Director of OEM at Medical Action Industries Inc. Mr. Weiner began his career at Xerox Corporation in 1975, where he served in a variety of capacities in sales and marketing, including manager of software market expansion and manager of sales compensation planning. In 1985, after a ten year career at Xerox, Mr. Weiner founded Microlytics. In January 1995, he co-founded and Chief Executive Officer of Manning & Napier Information Services until January 1999. He served as the Chairman of the Board of NaturalNano, Inc. until July 20, 2007. He served as the Chairman of the Board Cementitious Materials Inc. and served as its Director since 2004. Mr. Weiner serves on the Boards of Biomed Solutions, LLC, Technology Innovations, LLC, CellTraffix Inc., Stem Capture, Inc., OncoVista, Inc., Myotech, LLC, TE Bio, LLC, and Nanoset, LLC, Speech Compression Technologies, LP (an R&D partnership commenced in 1989 to pursue compression technologies), and Nanocomp, LLC. He served as Director of NaturalNano Inc. from 2004 to July 20, 2007. He served as a Director of Biophan Technologies, Inc. from December 2000 to October 3, 2007. He received the President's award, the top honor at Xerox for an invention benefiting a major product line in 1982. Mr. Weiner holds six issued patents invented prior to the formation of Biophan which are owned by other companies that employed him prior to the formation of Biophan. Mr. Weiner holds seventeen U.S. patents. He has been a member of the Licensing Executives Society (LES) since 1984, and is a member of IEEE, AAAS, AFIO, and the NY Inventor's Club.

**“My Career Bringing Electrodevices to Market”** Marketing for inventors is a challenge. Running a company that has issued patents invented prior to the formation of a company which are owned by other companies that employed a person prior to forming a new company can be a nightmare. Mike will review his past deft ability to circumvent corporate economic disaster and build relationships with larger companies that allow smaller companies to piggyback their products onto the marketing landscape for biodevices and energy-related inventions.

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- **Ryan S. WOOD** earned a Bachelor of Science degree in Mathematics and Computer Science from California Polytechnic State University at San Luis Obispo in 1978. Following graduation he began a product marketing career at Intel Corporation, marketing and computer sales at Digital Equipment, engineering management at Toshiba, then marketing and sales at two Silicon Valley start-ups. For the last five years, until present, he has been the director of business development and sales at an energy conservation company. He manages the content of [www.majesticdocuments.com](http://www.majesticdocuments.com), has completed a television documentary titled, "The Secret," with Dr. Robert M. Wood, along with publishing two books and a CD-ROM dealing with the Majestic documents and their authenticity. Ryan also coordinated the well-attended “UFO Crash Retrieval Conferences” for several years in Las Vegas NV at which Dr. Valone presented.



**“Joseph Papp’s Noble Gas Engine Investigation”**

Does spark-initiated pulsed plasma of a hydrogen, chlorine, and/or noble gas soup in the presence of radioactive metals indicate novel energy? The talk will cover the history of the inventor Joseph Papp from his education and early work experience in Hungary, to his immigration to Canada, and creation and alleged demonstration of a 300 mph submarine with novel engine propulsion. He then moved to California where three separate demonstrations and explosions occurred of the noble gas technology: one with the Naval Undersea Warfare Laboratory and the other in the Environetics parking lot (Los Angeles County) and at TRW in the presence of many witnesses including Dr. Richard Feynman. A forensic content analysis of the patents and lawsuits will be presented along with a psychological profile of Papp. Many official sources are used in this preparation, from Royal Canadian Mounted Police, French Gendarmerie interviews, and FBI interviews, newspaper articles, police files, court documents, corner reports and living witness interviews with participants. Legal counsel responsible for managing the court-ordered settlement for Papp and Environetics was interviewed. A summary of technical claims and sources will be presented and analyzed. The results of the technical data investigation shows that a reasonable man would conclude that there is novel energy. This is accomplished by tapping of (nuclear?) energy in a low temperature method not fully understood (or forgotten) by modern physics. Several theories will be presented and experimental results will be shown. A gaseous photochlorination chain reaction in the presence of hydrogen and subsequent recombination is one such theory of the Papp Engine. The conclusions will be based on experimental results, historical science, witness testimony, film evidence, patents, official interviews and one historical certified power-in power-out controlled test. However, at this writing the technology, although allegedly replicated by several independent groups, has failed to create a working engine system for high quality 3<sup>rd</sup> party validation testing.

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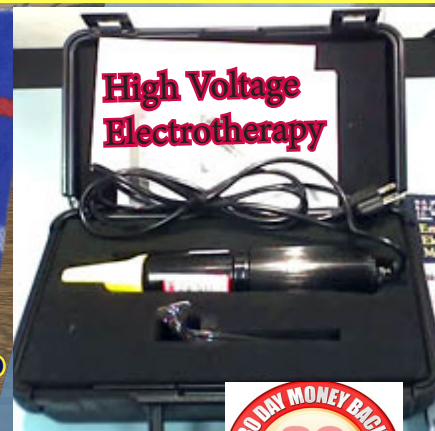
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