

Future Energy

Eleventh Conference On Future Energy Program



Eleventh International Conference on Future Energy, COFE11, Crowne Plaza Hotel in Albuquerque NM, August 9-10, 2019

In Cooperation with TeslaTech, LLC & ExtraOrdinary Technology Conference



INTEGRITY RESEARCH INSTITUTE



Eleventh Conference on Future Energy (COFE11)

Schedule, Titles, Biographies, Abstracts

August 9-10, 2019 – Crowne Plaza Albuquerque NM – concurrent with ExtraOrdinary Tech Conference that is being held August 7-11, 2019 in the same hotel – a dual conference experience!

Note: This COFE program is the confirmed version, as of 7/24/19 with all of the speakers’ info as available. Integrity Research Institute, Beltsville MD, 301-220-0440, is the sponsor of COFE11 content. Experimental new technology in the areas of energy, propulsion, and bioenergetics is presented. Every effort has been made to ensure the validity of the information shared but no guarantees are made.

www.futureenergy.org

COFE11 Schedule of Confirmed Speakers

Updated 6/16/19

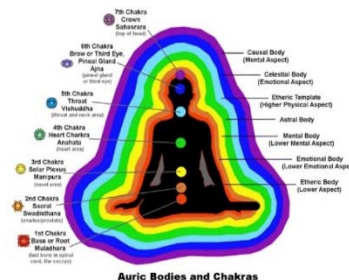
	Friday August 9 th	Saturday August 10 th
9 AM	Dr. Brian Dailey	William Alek
10	Dr. Robert Gray	David Rosignoli
11	Dr. Bruce Cornet	Robert DeBiase
12noon	LUNCH	LUNCH
1 PM	Dr. Thorsten Ludwig	Dr. Paul LaViolette
2	Mike Gamble	Paul Murad
3	Judy Kosovich	Dr. Jim Purvis
4	Suzanne Price	Dr. Tom Valone

Abstracts (in order of scheduled appearance)

“Biofield Imaging”

(9 AM FRI) Dr. Brian Dailey

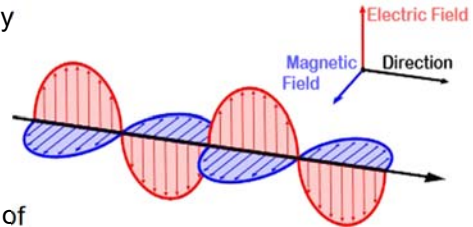
I will be doing the Biofield Imaging in conjunction with Ross Dunseath. My website is www.energymedicinesquared.com which gives some idea what we do. I will speak on Biofield energy healing & Reiki (Yes, there is science behind it), Sound healing (yes, science), Crystals and crystal healing (yes, science). You may have heard of people having “ecstatic experiences, one with the universe, white light, roaring in ears. We have Biofield imaging of this happening. We teach a 6-day course at TMI in Energy Medicine where we use sound to expand consciousness to enhance healing states, and Biofield Imaging to give real time immediate feedback.



"Maxwell Flaws, Weber Corrections, and Longitudinal Waves"

(10 AM FRI) **Dr. Robert Gray**

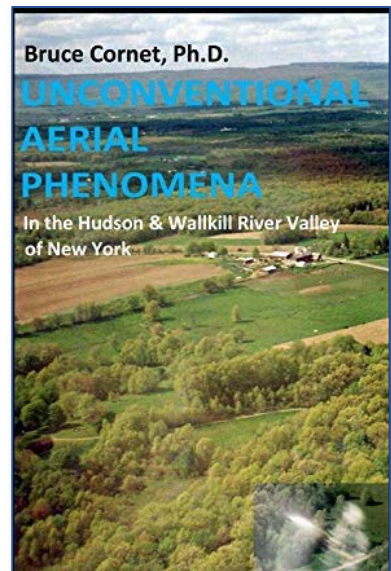
We have found that there are two implicit restrictions in Maxwell's system for electrodynamics which when made explicit can be used to define a system of equations for electrodynamics that is mathematically consistent in the non-special relativity regime and ignoring time retardation. Then, by adding a total-energy-like term to the scalar potential function, the mathematically consistent form of Maxwell's system of equations for electrodynamics becomes equivalent to Weber's electrodynamics. It is thus shown that Weber's electrodynamics can be interpreted as a field theory in the same way that Maxwell's electrodynamics has been considered a field theory. A review of the traditional derivation of the wave equation and proof of transverse waves are reviewed and shown to be flawed. It is shown that in Weber's electrodynamics, individual charged bodies produce longitudinal waves.



"Unconventional Aircraft and Their Performances, as Part of Disclosure of U.S. Hardware Advancements"

(11 AM FRI) **Dr. Bruce Cornet**

In 1992 Cornet discovered that he lived next to the Pine Bush UFO hotspot in New York State, and began a three-year, 24 square mile magnetic survey, discovering many anomalies underground and documenting over 137 close encounters with unconventional aircraft. Much of those data are published on his numerous web pages. He has published 21 scientific papers, a couple books, and numerous abstracts on subjects in paleobotany, palynology, and geology (accessible on ResearchGate). His first book on this subject (on right) will also be available by conference time.

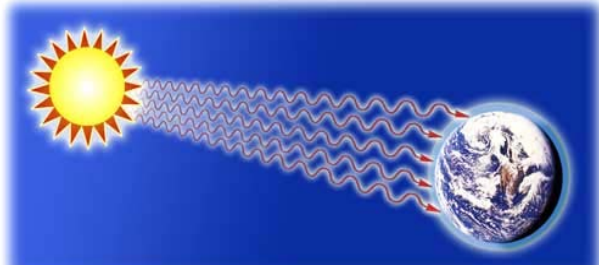


"Time and Space Discoveries of Russian Scientist Nikolai Kozyrev"

(1 PM FRI) **Dr. Thorsten Ludwig**

Prof. Nikolai Kozyrev, a Russian astrophysics, discovered a new type of energy source. He was convinced that the sun derives its energy much different from standard theory. The remarkable theory is called causal mechanics. Based on these thoughts Kozyrev predicted volcanic activity on the moon and found experimental evidence a few years later. Parts of his casual mechanics are 3 different speeds, c_1 , c_2 and c_3 . The standard speed of light is c_1 , the speed of time patterns c_2 is much slower than c_1 . Pure information velocity c_3 is much faster than the speed of light c_1 , almost or perhaps instantaneous. Kozyrev was able to experimentally detect the true position of the sun, 8 min ahead of its apparent position, and the true position of stars, proving his instant force. Dr. Ludwig is researching Kozyrev energy and time waves for over 10 years. He has met many important Russian researchers like Fyodor Kozyrev, Kozyrev's son, Mikhail Vorotkov, Kozyrev's last assistant, Prof Lewich and many more. With the information on Kozyrev's historic devices, Torsion balances, resistor detectors and piezo resonators were

built. This presentation will introduce Kozyrev's important theory, present the experiments done over the years by Dr. Ludwig with time waves, sun and star positions and their effects on different detectors and systems. If we understand Kozyrev's concept of the energy of the sun we can make relevant energy



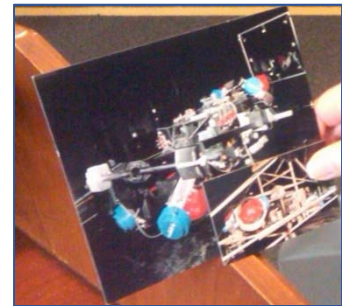
progress here on earth. Kozyrev had a very interesting understanding of time as being more than just mechanical but also being energy. From that he deduced that the sun and stars work differently than mainstream scientists believe. And he had lots of interesting experimental evidence. Even NASA acknowledged that in the 50s and gave him a contract, after a delegation had gone to Russia to view the evidence. One piece of evidence was that he could measure the true position (where it is now) of sun, planets and

stars. Kozyrev was also well known for scalar energy research and his science of torsion fields generated by spin, which led to his theory of the aether.

“Control Moment Gyroscopes, Part 3”

(2 PM FRI) **Mike Gamble**

After retirement from Boeing, Mike has been commissioned by IRI to work on the replication of Boeing's Control Moment Gyro (CMG) project which this engineer worked on for years. The CMG keeps the ISS and many satellites in orbit, by providing a linear force from an electrical input, all done in the vacuum of space. The goal of this project, also partially funded by IRI, is to produce a working tabletop prototype that reproduces a miniature version of the room-sized CMG which Boeing developed and has used for decades. At COFE9 and COFE10, the breakthrough measurement was reported with the early prototype demo, exhibiting a 0.43 lb. average linear, unidirectional force when the force equation calculation predicted a 0.40 lb. force, which is within 10% of theory! By reducing the mass of the structure and increasing the rectifying force of the scissoring gyros, it is hoped that the dual gyro model will visibly move across a level surface when the switch is turned on, thus challenging a physics Conservation of Momentum law.



“The Dark Side of Solar Power”

(3 PM FRI) **Judy Kosovich**



The sun is a great source of energy. The challenge is to tap into it wisely. One challenge has been that peak hours for solar do not coincide with peak demand and that intermittent cloudiness makes the solar contribution hard for the utilities to manage. In areas with generous renewable energy credits, such as Washington, DC, installers often own the solar system and take advantage of the incentives. This can impede sale of a home. Another problem is that inverters introduce a lot of noise when they convert dc power to ac power. Ten percent or more of the voltage can be high frequency noise that is distributed through the building with the solar panels, as well as to the grid. Solutions to various challenges will also be discussed.

“Elements of an Emerging Scientific Paradigm Shift”

(4 PM FRI) **Suzanne Price**

Unification of the sciences, universal spirituality, and human consciousness is becoming more possible with recognition of the common underlying characteristics and processes of energy linking them.



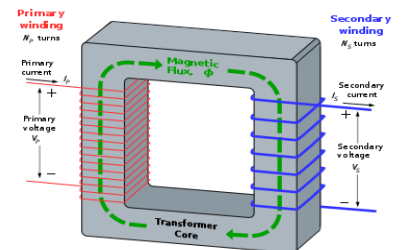
Emphasis on western rationalism and materialism versus eastern mysticism and ancient wisdom teachings; flaws in the standard paradigm; rigorous criteria for measurement and verification; and, lack of a common terminology have hindered development of a more comprehensive understanding of their inherent unity. This novel approach to the long-standing separation of standard science and mysticism combines aspects of quantum mechanics, QED, string theory, scalar physics, psi, consciousness, and selected biological research with universal spirituality. Recent research linking quantum mechanics and QED with the role of information and encoded photons in biological systems, edge researchers closer to identifying common elements that bridge these diverse disciplines. Such developments

suggest a paradigm shift among the sciences is already underway and encourages investigators to discover other possible unifying laws of Nature.

“Measuring the Operating Efficiency of Complex (Free Energy / Over-Unity) Transformers”

(9 AM SAT) **William Alek**

Another type of transformer called a Complex Transformer or Free Energy / Over-Unity Transformer (2018) is known to tap into a hidden source of additional energy by fixing specially conditioned ferrite magnets to the outer core of the same transformer. The magnetic field produced by ferrite magnets force the phase angle θ of electrons flowing through the input coil to bend or “curl” into another dimension causing what is known as a large scale Torsion Field Effect as shown above. Because energy is conserved, as Torsion increases, the REAL Input Power (Watts) component decreases and the IMAGINARY Input Power (jVA) component increases. Likewise, as Torsion decreases, the REAL Input Power (Watts) component increases and the IMAGINARY Input Power (jVA) component decreases. The strength of Torsion is what causes the Complex Transformer to exceed 100% efficiency as shown above. Since Faraday’s Law of Induction determines the Output Voltage of either a Conventional Transformer or a Complex Transformer, both types of transformers produce REAL Output Power (Watts). So, understanding about how both types of transformers work, and since our instrumentation can only measure REAL Input Power (Watts), a method of immediately computing the Operating Efficiency of both types can now be determined using the same instrumentation. A variety of Conventional and Complex Transformers will be demonstrated at this conference.



“Space Drive Replication Experiments – Journal and Lab Reports”

(10 AM SAT) **David Rosignoli**

This presentation presents an overview of experiments performed that potentially are propellantless propulsion leading to a true space drive. Emphasis is made on the replication attempts done as reported in peer-reviewed journals and lab reports and



presents a score card of experiments performed and how well they can be accounted for by conventional physics and experimental "gotchas".

“Propellantless Propulsion Based Upon Casimir Wedges”

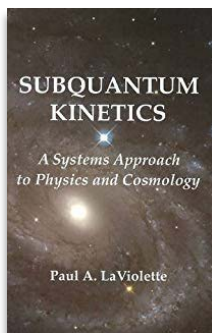
(11 AM SAT) **Robert DeBiase**

A remarkable prediction of ordinary electromagnetic theory is that at dimensions associated with the Casimir effect, typically between 100 and 1000 nanometers, conducting plates in a wedge-shaped geometry will experience torque forces perpendicular to the wedge faces that tend to reduce the wedge angle. These forces can be decomposed into two forces that are equal and opposite and thus cancel out and two forces that add up in the direction of the wedge angle bisector, away from the wedge vertex. Multiplicities of wedges apparently add up to produce an external propulsive force. Assuming the perfectly conducting Casimir wedge theory true, the current presentation will discuss how a propellant-less propulsion system can be engineered and the many applications it might be suitable for starting with maneuvering of CubeSats. Since quantum vacuum propulsion can be scaled to almost any size, theory suggests that advance quantum propulsion might enable surface to surface interplanetary space vehicles, even interstellar missions. The presentation will also discuss current efforts to test and demonstrate the theory.



“Testing the Superluminal and Time Dilation Predictions of the Subquantum Kinetics Unified Field Theory”

(1 PM SAT) **Dr. Paul LaViolette**



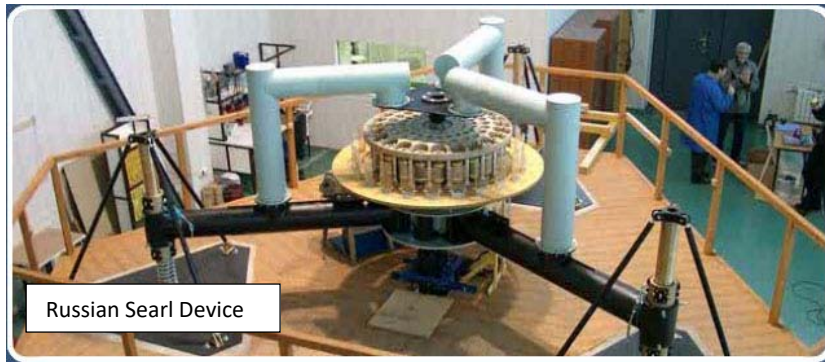
An overview will be presented of the subquantum kinetics ether theory reviewing its successful verification of over 13 predictions that the theory has made in the past. Furthermore, I will review the results of experiments conducted this year which duplicate previous observations of superluminal Coulomb wave propagation and time dilation occurring in the laboratory reference frame. I will also demonstrate evidence that an ether wind can be created in the laboratory and that it is responsible for these relativity-busting effects. I will describe electron velocity time-of-flight measurements that attempt to detect superluminal matter propagation in the laboratory. If time remains, I will discuss more exotic predicted phenomena such as the creation of Hutchison effect liquefaction and/or fusing of dissimilar materials under the effect of ultra-high electric potentials. Also will cover the creation of the Podkletnov gravity wave propulsion effect.

“The Morningstar Energy Box — Part Redux”

(2 PM SAT) **Paul Murad**

The Morningstar Energy Box is a revolutionary derivative based upon both the Searl and the Russian device by Godin and Roschin. The game-changing technology is similar to a mechanical cage by the Russians, laminated rollers per John R.R. Searl and a unique main ring with ferromagnetic fluid to

enhance electrical and magnetic properties. The Russians made several serious claims that their device



Russian Searl Device

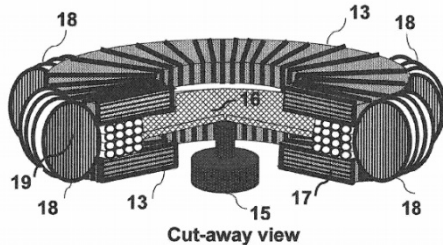
produced self-acceleration, created a weight loss when spun in one direction and gain when spun in the opposite direction, and generated discrete magnetic walls. Surprisingly the Energy Box found similar phenomenon regarding the discrete magnetic walls, with both weight gain and loss, although at a lower

magnitude. No self-acceleration was achieved. The Energy Box in an early test only lost 2 to 5 pounds of its 190 pounds at steady-state. During transient rotation, weight change dropped as much as 20 to 40 pounds using voltages as large as 120 volts. The device was changed to increase the voltage to 1,000 volts that should have improved performance; however, circuit shortages allowed only a maximum of 325 volts. During these last test series, the device with no voltage unexpectedly showed a steady-state 14-pound weight reduction or 7.3% and a transient loss of 12% of the total weight. Clearly, we observed nonlinear Energy Box phenomenon comparable to the Russian claims. A possible objective of the device will be to develop an advanced follow-on energy variant for an advanced propulsion system.

“Thoughts on Field Propulsion: Developments, Devices, Challenges”

(3 PM SAT) Dr. Jim Purvis

This paper reviews contemporary human space exploration planning and propulsion system requirements for various destinations and mission. Theory, designs, benefits, and challenges for several propellantless field propulsion concepts are discussed, such as capacitor discharge, spinning segmented capacitors, shielded coils, and electromagnetic angular acceleration devices. The present invention



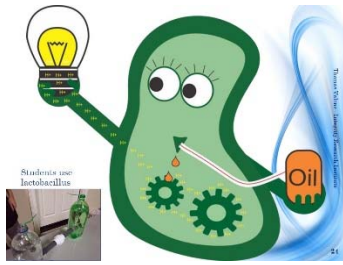
discloses an apparatus and method for electromagnetic spacecraft propulsion. The apparatus includes capacitor assemblies bracketed by electromagnetic solenoids configured in Helmholtz Coil geometries. The action of magnetic fields generated in the solenoids on segmented currents in conductive discharge elements during capacitor discharge produces unidirectional forces, while reaction momentum is

carried away by Poynting Vector electromagnetic fields in conformity with the currently understood principles of electrodynamics.

“Energy Breakthroughs that Will Make an Impact ”

(4 PM SAT) Dr. Tom Valone

Progress is being made presently that will create a future having greater ease in transportation with much better, localized energy sources that do not use fossil fuel for power and heat. Beyond the realm



of fuel cells and hydrogen is the non-conventional world of emerging energy technologies. Some of the best examples are new and exciting generators that release trapped potential energy from nature in ways never dreamed of before. Others innovatively apply clean fuels in conventional systems that are the focus of attention for NASA and DOE. Most of them have one thing in common: they are relatively unknown to the general public.

Biographies (in alphabetical order by last name)

William Alek, BSEE is President and CEO of AuroraTek, Inc. AuroraTek is dedicated to bringing forth advance and exotic FREE Energy Self-Sustaining Technologies to the world. William is the inventor of the SmartPAKTM / SZTTM FREE Energy / Overunity Energy Management System. William has more than 30 years of experience as an embedded computer hardware, electronic hardware and software engineering consultant, and has a BSEE degree from IIT Chicago, Illinois (1979).

Bruce Cornet, PhD received a B.A. degree (1970) in biology from the University of Connecticut, a Masters degree (1972) in paleobotany from that same university, and graduated from Penn State in 1977 with a Ph.D. in geology and palynology (the study of fossil spores and pollen, used to age date rocks). He spent 11 years in the oil industry, working for Gulf Research & Development, Exxon USA, Mobil Oil Corporation, and Superior Oil Company, all in Houston, TX.











Between 1981 and 1982 he ran his own independent exploration company (Geminoil, Inc.), which drilled for and found oil in eastern Virginia. Between 1988 and 1993 he held a research position at Lamont-Doherty Earth Observatory (part of Columbia University) and was the wellsite geologist for the Newark Basin Coring Project in New Jersey, describing about 28,000 feet of Late Triassic to Early Jurassic cores. He taught geology and botany at the Raritan Valley Community College (NJ) for a year before accepting a position as Deputy Administrator at the National Institute for Discovery Science (NIDS) in Las Vegas in 2004 until NIDS was closed down. Then he taught geology at El Paso Community College (TX), Dona Ana Branch Community College (NM), and online for the Raritan Valley Community College (NJ) before retiring. He is now nearly finished writing two books on his scientific and spiritual discoveries over the past 37 years.

Brian Dailey M.D., FACEP, FACFE is a Medical Doctor and the Director of Urgent Care Now, 60 Barrett Drive, Suite A, Webster, New York, www.wnyurgentcarenow.com from March 2, 2009 to present. Urgent Care Now is the only independent Urgent Care Center in Rochester, NY, all the other Urgent Cares being owned by the University of Rochester, and Rochester Regional Health. We have been voted #1 Urgent Care Center in the Rochester region in the Democrat & Chronicle Newspaper survey for the second year in a row. His facility provides

11TH CONFERENCE ON FUTURE ENERGY
August 9- 10th 2019
Crown Plaza Albuquerque Hotel, NM

COFE 11
FuturEnergy.org

888-802-5243 or 301-220-0440 Fax: 301-513-5728
INT. 5020 Sunnyside Av #208 Beltsville MD 20705
FREE ADMISSION Friday & Saturday to
ExtraOrdinary Technology with COFE11 Registration

 Robert DeBise	 Jackie Panting	 Paul Murad	 Bruce Cornet
 Paul LaViolette	 Tom Valone	 Ehorsten Ludwig	 Mike Gamble

SPECIAL SPEAKER:
Bruce Cornet PhD

PLUS Invited Speakers:
Dr. Robert Gray, Dr. James Purvis, Ray Maor, Chris Orwell
Dr John Brandenburg, George Hathaway Schuyler Jelsma

outstanding excellent care, in addition to personal attention. He also received recognition as one of "America's Top Physicians," Brian D. Dailey, Consumers Research Council of America, 2009 Edition. Among many articles he has authored, his latest publication is: "Sound Medicine: Western Medicine meets Complementary and Alternative Medicine to facilitate deep relaxation, sleep and pain management." JCIM (Journal of Comprehensive Integrative Medicine) Volume 1, No. 2, p59-64, January 2016

Robert DeBiase, MS is retired from Telcordia Technologies which was previously Bellcore which in turn was split off from Bell Labs at divestiture in 1984. There at he did system testing of



large computer systems, developed software systems for the Quality Assurance department and finally developed software for the Software Solutions department, for a total of twenty-three years. He obtained a Bachelor of Physics degree from Carnegie Mellon University in 1967 and a Master of Science degree in Computer Science from Stevens Institute of Technology in 1983. 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 as well as COFE 7 in 2015 and COFE 8 in 2016. His current interest is the Casimir Effect and whether it might enable a future propulsion system.

Michael Gamble, BSEE was born in Fergus Falls, MN back in 1952.

Married to 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. Worked at Boeing Sept 11 1985 and retired in 2017.

Over the past 29 years I have worked many programs for Boeing commercial and a number of classified aerospace ones. Last assignment was in a (BR&T) Boeing R&D group with smart material (Nitinol / Piezo)

actuators in order to bend (morph) structures like rotor blades, engine nacelles, wings, flaps and rudders. Worked as well with the Control Moment Gyroscope Program of Boeing's that was a trade secret until permission was obtained to present its history at COFE.

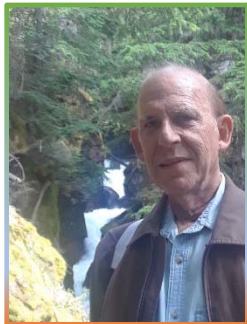


Robert Gray, PhD completed his Ph.D. in Optical Engineering at the University of Rochester, Rochester, NY. His dissertation was on nodal aberration theory, an area of optical wavefront aberration theory. Dr. Gray has also studied Physics (M.S., M.A.) as well as Computer Science (B.S.). As a graduate student in physics, he assisted in the design, fabrication and running of a parallel plate heavy ion detector used in conjunction with the Gamma sphere detector array. As a researcher in MRI safety and imageability he has conducted experiments on the safety of implantable pacemakers and the imageability of vascular stents. Together with colleagues, he developed and patented solutions to patient

critical problems in these areas. Currently, Dr. Gray works in the field of augmented reality smart glasses technology.

Judy Kosovich Energy research specialist who has been working on various aspects of energy for most of her career. She had solar panels before the federal tax credit was passed and has been off the grid for the last 2 years. Her first degree was in chemical engineering. The one thing she was sure of in college was that health and the environment were much more interesting than energy. She gradually came to appreciate how closely energy is connected to the environment and to health. When she went solar, it was to reduce her footprint. When she went off the grid, it was to avoid the risk of a fire from a mandatory smart meter. Around that time, she also became aware of the hazards of electromagnetic fields. Smart meters are but one source. She recently learned that the inverter that converts dc power in her batteries to ac power in her circuits puts electrical noise into her house. If grid-tied, it would be putting it into the grid as well. Now she is contemplated what to do about it. Other interests include energy storage, emf shielding, energy efficiency, the financial aspects of energy, and "energy medicine."

Paul LaViolette, PhD has been president of the Starburst Foundation since 1984, where he has been conducting interdisciplinary research in physics, astronomy, geology, cosmochemistry, paleoclimatology, systems theory, and cognitive psychology. Dr.



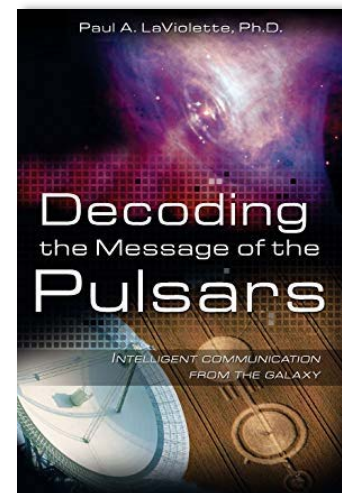
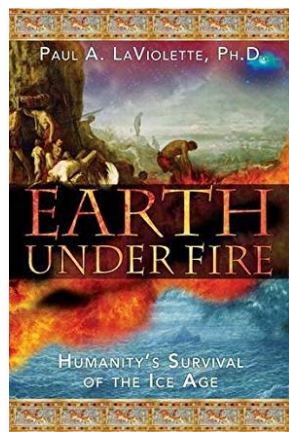
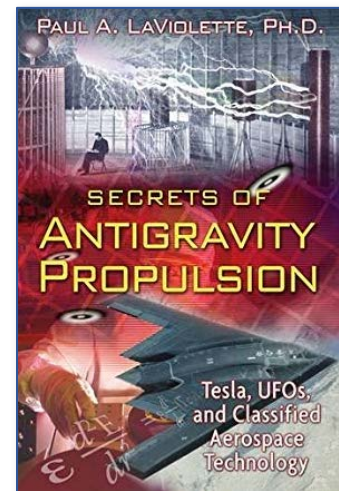
LaViolette is an eclectic American general system theorist and astrophysicist known among other things for his development of the galactic superwave theory, the subquantum kinetics unified field theory, and the emotional-perceptive cycling theory of thought formation. These theories have gained recognition partly because a large number of predictions that LaViolette had published (many in refereed journals) were later independently confirmed. At present 14 predictions have been

confirmed for the superwave theory and 12 predictions have been confirmed for subquantum kinetics. (It should be noted for comparison that Einstein's general theory of relativity had three *a priori* prediction confirmations. String theory, a mathematically complex unified field theory,

has had no confirmations since string theory has been unable to produce any testable predictions.) He obtained his BA in physics from the Johns Hopkins University, his Master's in business administration from the University of Chicago, and his Ph.D. in systems science from Portland State University.

LaViolette has authored seven books: *Subquantum Kinetics*, *Genesis of the Cosmos*, *Earth Under Fire*, *Galactic Superwaves and their Impact on the Earth*, *Decoding the Message of the Pulsars*, and *Secrets of Antigravity Propulsion*. He is also editor of a book of essays by Ludwig von Bertalanffy entitled "A Systems View of Man." He has also authored numerous technical papers as well as

several magazine articles on a variety of subjects, systems science, physics, astronomy, cosmology, SETI, aerospace propulsion, geology, paleontology, educational psychology, stock market theory, and solar energy. He speaks at universities and symposia around the world about his research findings. He also holds patents on a novel breathing bag system for closed-circuit breathing apparatus.



Thorsten Ludwig, PhD currently works as a researcher at the Berlin Institute for innovative Energy and Propulsion Technologies. He is studying the Casimir effect in his laboratory in Berlin. The experiment uses state of the art nanopositioning, an atomic force microscope (AFM) and vacuum equipment to



make use of the change in quantum field background radiation. He recently expanded the AFM use it for magnetic force microscopy and to study the fundamentals of magnetism and its connection to quantum field radiation. Dr. Ludwig is currently the president of the German space power association. Since 2011 he works together with Prof. Ron Brian and Markus Fromm on the mental control of a single electron experiment and builds a Magnesium ion trap. Dr. Ludwig has a Dipl. Phys. in Physics from the Technical University of Berlin, (2001), and a Doctor of natural Science (Dr. rer. nat.) from the Technical University of Berlin, (2005), both with highest excellence. Dr Ludwig worked from 2008 to 2010 as a

project developer for the energy research centre of lower Saxony and for Prof. Beck at the institute for Electrical Power developing project in the field of new energy technologies. In 2009 he cofounded the Institute of applied consciousness research together with Dr. Marco Bischof and Marcus Schmieke and constructed and conducted experiments with Kozyrev resistor and torsion devices, pH measurements with Prof. Tiller and influences on random number generators. Since 2006 Dr. Ludwig works as an independent Consultant for new energy projects and was involved in project in Germany, Turkey, India, Qatar and Mexico. He measured energy efficiencies, designed and conducted research projects and helped in developing promising technologies. Dr. Thorsten Ludwig has participated in a large number of international conferences on future energies. In 2005 Dr. Thorsten Ludwig, Dr. Marco Bischof and Dipl.-Ing. Andreas Manthey published a study on new energy technologies for the German government. The study focuses on the use of innovative unconventional technologies in developing countries (BMZ E 5001-15).

Paul Murad has a BSME from Brooklyn Polytechnic Institute and an MSAE and astrophysics degree



from New York University. He worked on the Apollo and space shuttle programs at NASA in the 1960s and was employed for 18 years as a contractor working on tactical and strategic missile systems. He returned to the government for 25 years to work on foreign technology topics, examining predicting the future, and also supported in four different wars working with the Pentagon. Additionally, he has the Chairman for technical conferences to include: "Magnetohydrodynamics for the National Aerospace Plane" (2001), "The First International High Frequency Wave Conference" (2003), was in charge of five annual sessions of the Space Technology & Applications International Forum (STAIF) Conference "F" (2004-2008) that covered advanced space propulsion, advanced energy, and gravitic concepts. During the past 40 years, he has also presented different technical disciplines with

approximately 70 technical papers as well as written 10 novels. At Morningstar, he has been involved in new technologies from hybrid nuclear reactors, gravitic experiments such as the Morningstar Energy Box, levitation, satellite control/propulsion, gravity waves/gravity shocks, astrophysics, computational fluid dynamics, aerodynamics, and weather amelioration.

Suzanne Price, BA is a visionary thinker, cultural anthropologist, independent researcher, and professional presenter. In 2007 a long-time interest in Nikola Tesla's work inspired her to research and develop an integrative theory called, Qualar Physics, supported by an interpretive model that explores the quantum links between science and universal spirituality. This original theory integrates many ideas from physicists, mathematicians, engineers and philosophers including Tesla's photon/resonance theory of physics and Walter Russell's Universal One. As a result of her inquiry over the last decade, she advocates a

scientific paradigm shift that embraces a much more comprehensive approach to understanding the Creative Life Force called “energy”. Her academic background has also engendered a keen appreciation of cultural transformation via technological achievement. She believes clues to energy breakthroughs can be gleaned from the study of ancient advanced civilizations as reflected in some of her lectures. Suzanne received a B.A. magna cum laude, University of Wyoming, and M.A. in cultural anthropology from Tulane University. She is currently authoring a book to introduce Qualar Physics and has been a frequent presenter at TeslaTech Extraordinary Technology Conferences, Society for Scientific Exploration and similar forums.

James Purvis, PhD, PE Assistant Professor, Auburn University, Aerospace Engineering Department. Cooperative Education Program. Aerospace engineer with service in Systems Analysis, Mathematical Modeling, Nuclear Security, and Civil Space Research as a Principal Member of the Technical Staff at Sandia National Laboratories, North American Rockwell, Textron Industries, Boeing, and US Naval Surface Weapons Center. Original team member for the Boeing Apollo 16, Saturn V assembly. US DOE representative to NASA’s National Exploration Office at Johnson Space Center. AIAA Member. Author of publications in Journal of Aircraft, AIAA Journal, Journal of Spacecraft and Rockets, and Joint Propulsion Conference.

David Rosignoli, BSEE is an electrical engineer with a BSEE with over 20 years of engineering experience. He is an avid researcher/experimentalist with an interest in anomalous and unconventional science and technology. He is the creator of the Advanced Amateur Science Group (AASiG), a Colorado meetup group open to individuals interested in hands on experimentation in the vein of Scientific American's C.L Stong. The Amateur Scientist was a column in the Scientific American, and was the definitive "how-to" ... In that year the publisher selected C.L. Stong to continue the feature. Stong was an electrical engineer from 1926 to 1962 for Westinghouse.

Thomas Valone, PhD, PE Physicist and licensed professional engineer with 30 years professional experience, former USPTO 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 21st 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*, *Nikola Tesla’s Electricity Unplugged*, *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 Channel, Discovery Channel, Gaia TV, besides a few commercial energy videos and Coast to Coast Radio with George Noory.



NOTE: Call for Papers: Dr. Valone has also contracted with **Nova Science Publishers** as the Editor of “*The Future of Energy: Challenges, Perspectives, and Solutions*” to be published in 2020. Send in your Title, Abstract, or entire draft of a paper for a proposed chapter to IRI@erols.com to be included & get a free copy of the anthology.