

Future Energy

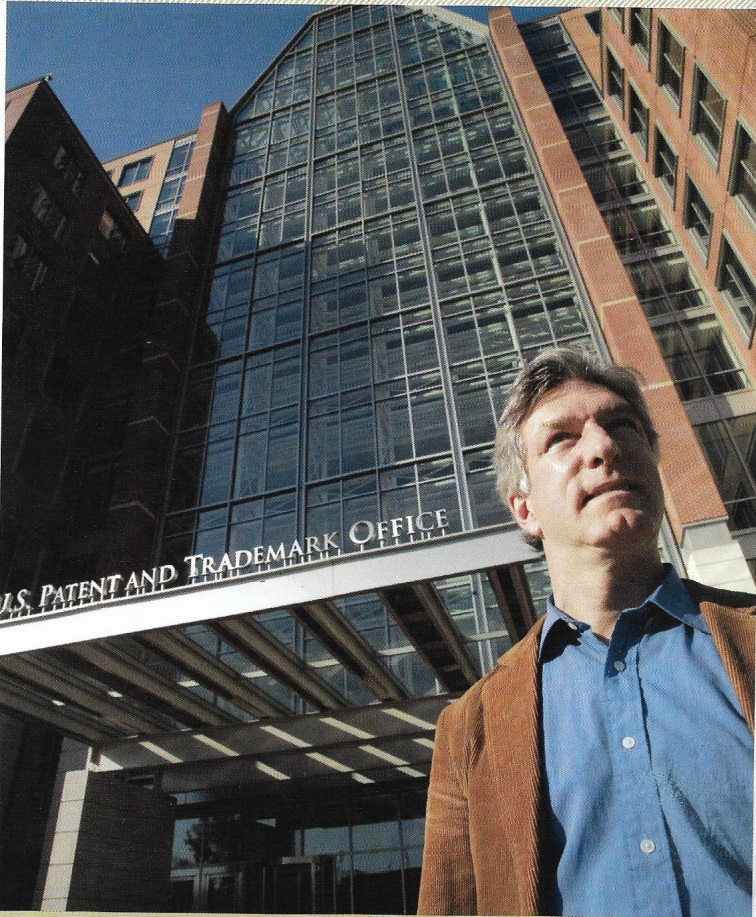
Integrity Research Institute's First Quarter Century

Thomas Valone, PhD, PE

Integrity Research Institute

IRI's Public Life began in 1999

Physicist Tom Valone looks at technologies most scientists consider junk. By Charles Platt



Tom Valone outside the main building of the Patent Office, where he is employed as a patent examiner.

Valone is invited to hold a Conference on Free Energy (COFE) at the State Department's "Open Forum."

COFE is changed to "Conference on Future Energy" as backlash starts in the media.

Valone is fired and after six years of arbitration, rehired in 2005.

His reputation follows him into Make magazine even in 2007.

IN THE MATTER OF ARBITRATION

Between

Patent Office Professional Association

FMCS Case No. 00-01666
Employee Termination

and

Robert T. Moore
Arbitrator

US Department of Commerce,
Patent and Trademark Office

DECISION AND AWARD
ON THE MERITS

Appearances:

For the Patent Office Professional Association (POPA or Union) :

Raymond B. Johnson
David L. Robertson

POPA Representative
POPA Representative

For the US Patent and Trademark Office (Agency, Management or PTO):

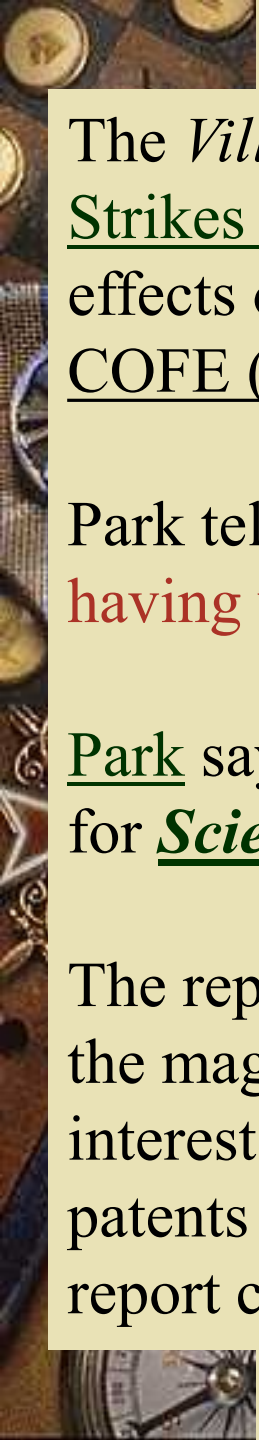
William Way, Esq.

Associate Counsel, Office of General Counsel, PTO

Issue Presented

”The Cold Fusion Controversy: Up until 1989, the possibility of cold fusion was an acceptable scientific topic among physicists and others in the world of nuclear science. That **acceptance received a setback in 1989** following the public announcement by two recognized and respected electro-chemists at the **University of Utah** that they had achieved fusion using a battery connected to palladium electrodes submerged in heavy water...”

”...You never indicated to Ms. Holloway that you were considering reserving space at the Department for a private function to be run by the Integrity Research Institute. However, you reserved the auditorium, lobby and four conference rooms at the Department for April 29, 30 and May 1, 1999, on behalf of the PTO. You posted information regarding a Conference on Future Energy on the internet....”



The *Village Voice* magazine carried a story entitled, "The Empire Strikes Back" by Erik Baard (4/10/2001), which reviews the effects of Drs. Park and Zimmerman interference with a review of COFE (quotes from the story below):

Park tells Z, "Pete, if you can't get that killed, what's the point of having you at the State Department?"

Park says he then called 'an investigative reporter' who writes for Science, suggesting he look into the patent office.

The reporter, APS physicist David Voss, wrote a scathing article in the magazine's May 21, 1999 issue describing Valone's personal interest in novel theories, while acknowledging he never approved patents with questionable backing. Nonetheless, Valone says the report contributed to his dismissal." (I was fired in August, 1999)

1999 First Conference on Future Energy



nature

11 March 1999 Volume 398 issue no. 6723 www.nature.com



The First International
**Conference On
 Future Energy**
 Integrity Research Institute
WORKSHOPS

Holiday Inn Bethesda
 Bethesda, Maryland
Saturday, May 1, 1999

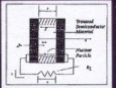
CD-Proceedings
CONFERENCE ON FUTURE ENERGY

29 April - 1 May 1999

COFE CD-Proceedings
 20 Speakers, 9 of whom are PhDs
 15 Audios (All Plenary Sessions)
 14 Audios (All Workshops)
 23 Papers Published
 ADOBE ACR



Conference on Future Energy

Beta-voltaic Battery



- Human-powered
- 25 year battery life
- Produced by Lawrence Tech
- 24 W/kg energy density
- No recharging needed
- No fuel storage required
- Patent # 4,855,633

Nuclear Electricity Sources

Dr. Paul Brown Bruce Perreault

in nds arning

US State Department gets cold feet about cold fusion

[WASHINGTON] A meeting that was to have been held at the US State Department next month to highlight research on unconventional energy sources seems likely to be scaled down or cancelled because of doubts about the credibility of the research.

The First International Conference on Free Energy was to have taken place on 29 to the h-

After a meeting between Foley, Valone and others on Monday (8 March), the department remained undecided as to whether it will cancel or curtail its involvement in the conference. One source said the organizers were considering moving it to a hotel.

Valone, who is also a patent examiner with the US Patent and Trademark Office, found himself in hot water with his own agency last year when he sent out an Internet notice to "all able-bodied infinite energy



Science & Government Report

SHUNNED BY AGENCIES, 'FREE ENERGY' CONFERENCE FINALLY FINDS A HOME
 Volume XXXIX Number 9 May 15, 1999
 ISSN 0968-9021

It was billed as a conference on free energy, but its organizers, who thought they had their meeting place lined up free of charge from the government, ended up having to pay. Disinformed from the State Department, after one of the few scientists in the agency was tipped off to the booked gathering, a host of other organizers then tried to move over to the Commerce Department, where the sizeable audience apparently is available to any department employee who provides sufficient notice. Alas, the same person who rated on free energy to State, the American Physical Society's Robert Park, took it upon himself to banish them from Commerce as well, and succeeded.

Park, who rails against fringe science in the APS weekly top sheet "What's New," admits that he alerted both Peter Zimmerman, the science adviser at State's Arms Control and International Security division, as well as a top official of Commerce's National Institute of Standards and Technology, whom he won't name, about the conference's true nature. A brief overview to the organizers from the Department of Energy was quickly quashed, apparently without Park's intervention.

In the end, the Washington-based Integrity Research Institute, which organized the event, had to settle for a Holiday Inn in nearby Bethesda for the three-day event that ran through May 1. Cold fusion guru Eugene Mallove, who publishes *Jepetto Energy* magazine, came through with the funds needed to rent the rooms.

All the necessary help to the conference to attract an enthusiastic, if small, crowd. Various schemes for free energy were touted, including cold fusion, a "radiant energy" device that extracts radio frequency energy from lightning bolts, and mining helium-3 from the moon for clean fusion fuel. An onsite bookstore dispensed works ranging from electrogravitics, the "anti-gravity" technology that some claim helps to power the B-2 stealth bomber, to biographies and the complete patent collections of Nikola Tesla, the Serbian immigrant who invented the alternating current motor and helped Westinghouse beat out Thomas Edison to establish AC electricity as the standard. What free energy aficionados admire most about Tesla was his research, later in life of a wireless delivery system for electricity. Just as with other free energy schemes, they say, the stands of industry could see no way to profit on such a scheme, and pulled their support for Tesla's work.

But the highlight of the conference was an appearance by Steven M. Greer, the former emergency room physician who heads the nonprofit Center for the Study of Extraterrestrial Intelligence. Working versions of flying saucers, he is informed attendees, have been built by a super-secret consortium of the big defense contractors, and he himself is on the board of a small company, which he won't identify, that is building a prototype saucer.

What do flying saucers have to do with free energy? The same counterintuitive electromagnetic fields that allow UFO's to annihilate gravity and allow travel at faster than the speed of light could make the world's fossil-fuel based economies obsolete overnight, says Greer. He claims the technology that allows UFO's to defy gravity is well known to the military-industrial complex, but is kept under wraps in order to not destabilize the entire world.

Attendees weren't all there just for free energy. Steven Elswick, an electrical engineer who publishes *Electric Research*, throws in developments on alternative medicine to his magazine for good measure. Elswick lives in a trailer in the desert outside Phoenix, and he'll be just fine when chaos reigns in the cities come January 1, 2000, he told SCGF.

Park, who dropped by on the opening day, says he was informed by an organizer that an armed guard was in attendance. SCGF, which popped in a day later, was in the midst of a corridor conversation when a buzz went up. Park had been sighted again. But this time it turned out to be a false alarm.

NO RECORDS SET AS NINE WOMEN ARE ELECTED MEMBERS OF ACADEMY

No giant step toward gender equality was set last month when the National Academy of Sciences elected nine women to membership. The figure is shy of the record of 11 who were let in during 1996, but is one higher than last year's crop.

The academy admitted a total of 60 new members this year during its annual meeting last month. The number of women who held membership in the august body now stands at 114, four higher than last year, or just over 6% of a total active membership of 1825.

Two women were among the 15 non-voting foreign associates elected to the academy. Despite their addition, the number of female former members actively declined by one during the year, to 14, even as total membership in the category rose three, to 313.

Courtesy of Ms. Jeane Manning



COFE1 Plenary Speakers

Ken Shoulders,
Somerset Power Corp.

"Charge Clusters in Action" Micron- sized clusters of electrons perform a low-energy phase transformation when interacting with solid material, propelling the electrons to high velocity without conventional heating. Fractional electron charge conversion seems to be responsible for the new energetics described.

Paul Brown

Nuclear Solutions, LLC,
International Fission Fuels LLC

"Betavoltaic Batteries"

Nuclear battery that converts energy from a beta (electron) emitting radioactive source, such as tritium, into electrical power. The application of tritiated amorphous silicon as an intrinsic energy conversion semi- conductor for betavoltaic devices is presented.

Dr. Edmund Storms

Los Alamos Labs, Retired

"New Method for Initiating Nuclear Reactions" Several new methods to initiate nuclear reactions within solid materials, so-called chemically assisted nuclear reactions, to generate energy without significant radiation. Presentation of ground- breaking field merging chemistry and nuclear physics.

David Goodwin, DOE

Office of High Energy and Nuclear Physics

"Summary of the Breakthrough Physics

Conference" Chairperson for the Space Science Technology and Applications International Forum (STAIF) Breakthrough Propulsion Physics Conference, topics include Zero Point Energy.

Dr. Tom Van Flandern,
Meta Research

"Complete Gravity Model and Free Energy"

Propagation of gravity (Physics Letters A, #1,1, 99) has been experimentally shown to exceed speed of light. The LeSage interpretation of particle-gravity is clearly favored by new findings, suggesting that propulsion and gravitational shielding is possible.

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Proceedings from Thursday, 29 April 1999

<p><i>Tom Valone, M.A.,</i> P.E. President, Integrity Research Institute</p>	<p>Welcome and Opening Remarks</p>	<p>Read the Transcript Hear the Audio</p>
<p><i>Ken Shoulders,</i> Somerset Power Corp.</p>	<p>"Charge Clusters in Action" Micron- sized clusters of electrons perform a low-energy phase transformation when interacting with solid material, propelling the electrons to high velocity without conventional heating. Fractional electron charge conversion seems to be responsible for the new energetics described.</p>	<p>Read the Paper Hear the Audio</p>
<p><i>Dr. Paul Brown, PhD,</i> Nuclear Solutions, LLC, International Fission Fuels LLC</p>	<p>"Betavoltaic Batteries" Nuclear battery that converts energy from a beta (electron) emitting radioactive source, such as tritium, into electrical power. The application of tritiated amorphous silicon as an intrinsic energy conversion semi- conductor for betavoltaic devices is presented.</p>	<p>Read Paper on Beta Voltaic Batteries Hear the Audio</p>
<p><i>Kent Robertson,</i> American Wind Energy Association</p>	<p>"The Coming Energy Revolution from Wind" The wind energy industry has demonstrated extraordinary growth in the past year. Who is getting most of this power? Will wind energy displace fossil fuel generated electricity?</p>	<p>Read the Annotated Paper Hear the Audio</p>
<p><i>W. David Wallman,</i> B.S.E.E. DW Energy Research, LLC</p>	<p>"Carbon-Arc Gasification of Biomass Solutions" Forced, rapid oxidation via carbon-arc gasification of biomass solutions, releasing a unique hydrogen-based gas, COH₂, with properties of a stable, versatile, clean fuel.</p>	<p>Read the Paper Hear the Audio</p>
<p><i>Paul Pantone,</i> President, Global Environmental Energy Technologies (GEET)</p>	<p>"Plasma Fuel Processor" Removes over 90% of the emissions from a variety of fuels by transferring the exhaust heat to the incoming fuel within a vacuum, the speed of molecular breakdown is greatly magnified.</p>	<p>Read the Article Hear the Audio</p>
<p><i>Dr. Peter Graneau,</i> PhD. Northeastern University Center For EM Research</p>	<p>"Release of Chemical Bond Energy" Process using electrodynamic Ampere forces to trigger the release of chemical bond energy (latent heat of evaporation) from water, causing a cold fog explosion at 150% efficiency. It may be possible that fossil fuel burning could be replaced with a water-arc process.</p>	<p>Read the Peer Reviewed Paper See the Slides Hear the Audio</p>
<p><i>Thomas Valone, MA,</i> PE Integrity Research Institute</p>	<p>"Understanding Zero Point Energy" Science in 1997 called it the "ultimate quantum free lunch." Now the experiments and theory are starting to reveal the vast potential energy which ZPE stores in its particle fluctuations. Slide presentation with the basic physics, details of the first ZPE patent, headline articles, and the experiments that have made ZPE something even the DOE and NASA are reconsidering.</p>	<p>Read the Paper See the Slides Hear the Audio</p>
<p><i>Dr. Gene Mallove,</i> Editor, Infinite Energy Magazine <i>Chris Toussaint,</i> Video Producer</p>	<p>Special premier screening of the new video, "Cold Fusion: Fire from Water", was shown in the Washington Room on Thursday night, April 29th, at 7:30 PM. Hosted by video producer Chris Toussaint and Dr. Gene Mallove.</p>	<p>Video: Cold Fusion Fire From Ice Video : IE Ad Infinite Energy Magazine Ad</p>

Science Times

The New York Times

Jan 21, 1997

TUESDAY, JANUARY 21, 1997

Physicists Confirm Power of Nothing, Measuring Force of Quantum 'Foam'

Fluctuations in the vacuum are
the universal pulse of existence.

By MALCOLM W. BROWNE

FOR a half century, physicists have known that there is no such thing as absolute nothingness, and that the vacuum of empty space, devoid of even a single atom of matter, seethes with subtle activity. Now, with the help of a pair of metal plates and a fine wire, a scientist has directly measured the force exerted by fleeting fluctuations in the vacuum that pace the universal pulse of existence.

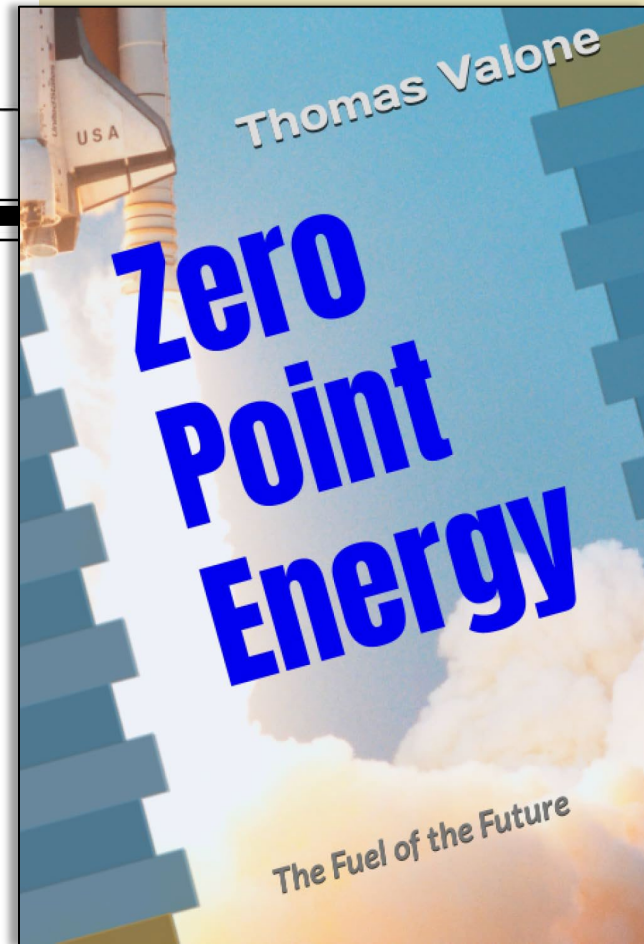
The sensitive experiment performed at the University of Washington in Seattle by Dr. Steve K. Lamoreaux, an atomic physicist who is now at Los Alamos National

Laboratory, was described in a recent issue of the journal *Physical Review Letters*. Dr. Lamoreaux's results almost perfectly matched theoretical predictions based on quantum electrodynamics, a theory that touches on many of the riddles of existence and on the origin and fate of the universe.

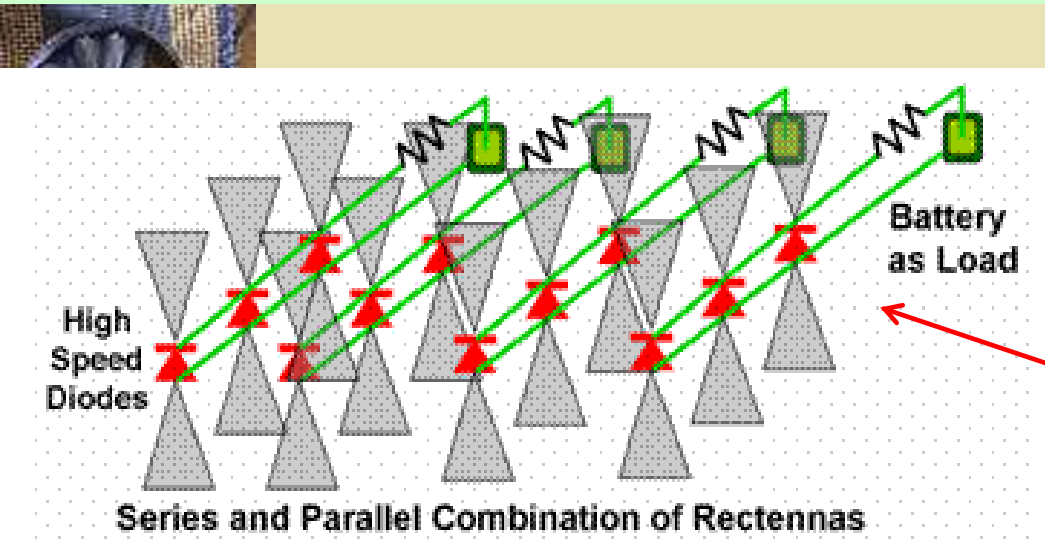
The theory has been wonderfully accurate in predicting the results of subatomic particle experiments, and it has also been the basis of speculations verging on science fiction. One of the wilder ones is the possibility that the universal vacuum — the ubiquitous empty space of the universe — might actually be a false vacuum.

If that were so, something might cause the present-day universal vacuum to collapse to a different vacuum of a lower energy. The effect, propagating at the speed of light, would be the annihilation of all matter in the universe. There would be no warning for humankind; the earth and its inhabitants would simply cease to exist at

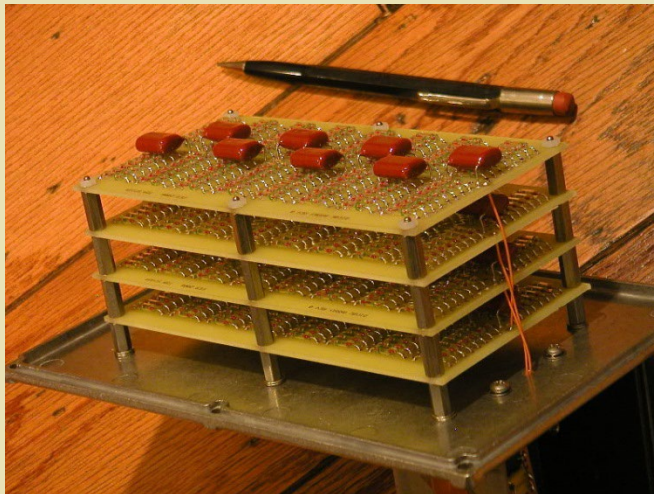
Continued on Page C6



Rectifying Ambient Thermal and Nonthermal Electric Noise (ZPE)



- ◆ Prof. Dagenais amplifies ambient thermal energy harvested with nanoantennas at UMD
- ◆ Zero-bias diodes that need no minimum energy to conduct
- ◆ Backward tunnel diodes
- Example of a Diode Array
24-hour electrical energy source



Proceedings from Friday, 30 April 1999

<p><i>David Hamilton,</i> DOE Office of Advanced Automotive Transportation</p>	<p>"Overview of DOE's Power Electronics and Electric Machines Program"</p>	<p>See the Slides Hear the Audio</p>
<p><i>Bruce Perrault,</i> NU Energy Horizons</p>	<p>"Radiant Energy Generator" Active Perrault valves, similar to Moray valves, utilize a pumping effect to siphon electrons from earth ground to be stored in high voltage capacitors. A second stage converts the HV charge to usable power at any frequency.</p>	<p>Read the Paper Hear the Audio</p>
<p><i>Dr. Steven Greer,</i> MD Founder, CSETI</p>	<p>"Free Energy Suppression" Evidence of the magnitude, rationale, and extent of suppression of Free-Energy could pose potential adverse impact on global economic balance, or create political risk. Disclosure of free energy technologies pose a dilemma for Unacknowledged Special Access Programs.</p>	<p>Read the Paper Hear the Audio</p>
<p><i>Les Adam,</i> President, AZ Industries</p>	<p>"Magnet Power and Non-Combustive Helicopters" Magnetic fields improve fuel mileage by affecting hydrocarbon bond strength. Electric Pulse Drive Vehicles offer a new automobile design. Non-combustive helicopters utilize energetic decomposition of peroxide. AZ-sponsored "Ener-run® Alternate Energy Rallies" test alternately powered vehicles.</p>	<p>Video: Peroxide Helo Hear the Audio Peroxide Helo Brief Cool Helo Photos!!!</p>
<p><i>Dr. Edmund Storms,</i> PhD. Los Alamos Labs, Retired</p>	<p>"New Method for Initiating Nuclear Reactions" Several new methods to initiate nuclear reactions within solid materials, so-called chemically assisted nuclear reactions, to generate energy without significant radiation. Presentation of ground- breaking field merging chemistry and nuclear physics.</p>	<p>Read the Paper Hear the Audio</p>
<p><i>David Goodwin,</i> DOE Office of High Energy and Nuclear Physics</p>	<p>"Summary of the Breakthrough Physics Conference" Chairperson for the Space Science Technology and Applications International Forum (STAIF) Breakthrough Propulsion Physics Conference, topics include Zero Point Energy.</p>	<p>Hear the Audio</p>
<p><i>Dr. Tom Van Flandern,</i> Meta Research</p>	<p>"Complete Gravity Model and Free Energy" Propagation of gravity (Physics Letters A, #1,1, 99) has been experimentally shown to exceed speed of light. The LeSage interpretation of particle-gravity is clearly favored by new findings, suggesting that propulsion and gravitational shielding is possible.</p>	<p>Read the Paper View Slides Part 1 View Slides Part 2 Hear the Audio</p>

Tritium Betavoltaic Battery



- ◆ ECN magazine 7/2012
- ◆ Nanowatt power - AFRL
- ◆ **20 – 40 year lifespan**
- ◆ IRI advocacy for 10 yrs.
- ◆ Paul Brown, COFE 1999, Patent # 4,835,433

CityLabs.net Model P100

BetaBatt Inc. - SBIR grant from NSF

IEEE Spectrum, 2004
“Daintiest Dynamos”

- ◆ Ray Kurzweil “Ten Coolest Technologies - PC magazine, 7/12/06

U of Wisconsin solved degradation with liquid electrodes

Concurrent COFE Workshops Saturday, May 1, 1999

(Audios from First Side of Workshop Tape Only)

9 AM to 11 AM	<u>Ken Shoulders,</u> <u>"Further Details on Charge Clusters in Motion"</u>	<u>Dr. Gene Mallove,</u> <u>"Assisted Nuclear Reactions: Cold Fusion"</u>	<u>Jack Bitterly,</u> <u>"Flywheel Technology for Energy Storage"</u>
11 AM to 12 PM	<u>Dr. George Miley,</u> <u>"Low Energy Nuclear Reactions: Lattice Atoms"</u>	<u>Dr. Paul Brown,</u> <u>"Nuclear Waste Remediation with PhotoFission "</u>	<u>Bob Rose,</u> <u>"Breakthrough Technology: Fuel Cells"</u>
12 PM to 1 PM	<u>Dr. Bob Bass,</u> <u>"Energy From MSD (Deuterium)"</u>	Read Dr. Paul Brown's <u>Nuclear Waste Remediation Paper</u>	<u>Les Adam,</u> <u>"Are We Ready for a New Energy World? and Non-Combustive Helicopters"</u>
1 PM to 3 PM	<u>David Wallman,</u> <u>"Biomass Solutions: Discussion and Demonstration"</u>	<u>Dr. Peter Graneau,</u> <u>"Experimental Results of Arc Discharge"</u>	<u>Frank Znidarsic,</u> <u>"Zero Point Technologies"</u>
			<u>Dr. Paul LaViolette,</u> <u>"New Energy Concepts for the Coming Millenium"</u>
3 PM to 5 PM	<u>Paul Pantone,</u> <u>"GEET Clean Combustion Kit: Details and Technology"</u>	<u>Dr. Ed Storms,</u> <u>"Evidence for Chemically Assisted Nuclear Reactions"</u>	<u>Dr. Steven Greer,</u> <u>"Evidence for Free Energy Technology Suppression"</u>



Proceedings

First CONFERENCE ON FUTURE ENERGY

29 April - 1 May 1999 Bethesda, Maryland

COFE1 Menu

- [Plenary Session Thursday, 29 April 1999](#)
- [Plenary Session Friday, 30 April 1999](#)
- [Workshops Saturday, 1 May 1999](#)
- [Speaker Bios](#) [Abstracts](#)
- [Papers](#) [Audios](#) [Preview Videos](#)
- [Review of COFE Conference](#)
- [COFE1 Photo Essay Courtesy of journalist, author Jeane Manning](#)
- [Visit IRI Website: \[www.Integrity-Research.org\]\(http://www.Integrity-Research.org\)](#)
- [IRI Books and Products](#) [COFE1 Audiotapes and Videos, etc.](#)
- [Installation Notes](#)
- [US State Dept Invitation Letter for COFE](#)
- [How I was fired from the US Patent Office for COFE1 Inquiry](#)
- [Nature Article on COFE](#)
- [1999 Science & Govt Article on COFE](#)
- [2005 Science & Govt Article on Valone and COFE](#)
- [Noncombustible Helicopter Index](#) sponsored by [AZ Industries](#)
- [Dr. Ed Storms video - Los Alamos Cold Fusion highlights](#)
- [Dr Martin Fleischmann video - Father of Cold Fusion gives history and projection for future research](#)
- [Dr. Tom Van Flandern video - Naval Observatory - Gravity Shielding Anomalies and the Speed of Gravity](#)

ENERGY PROGRAM



June 25, 2002

CNN Moneyline

LOU DOBBS

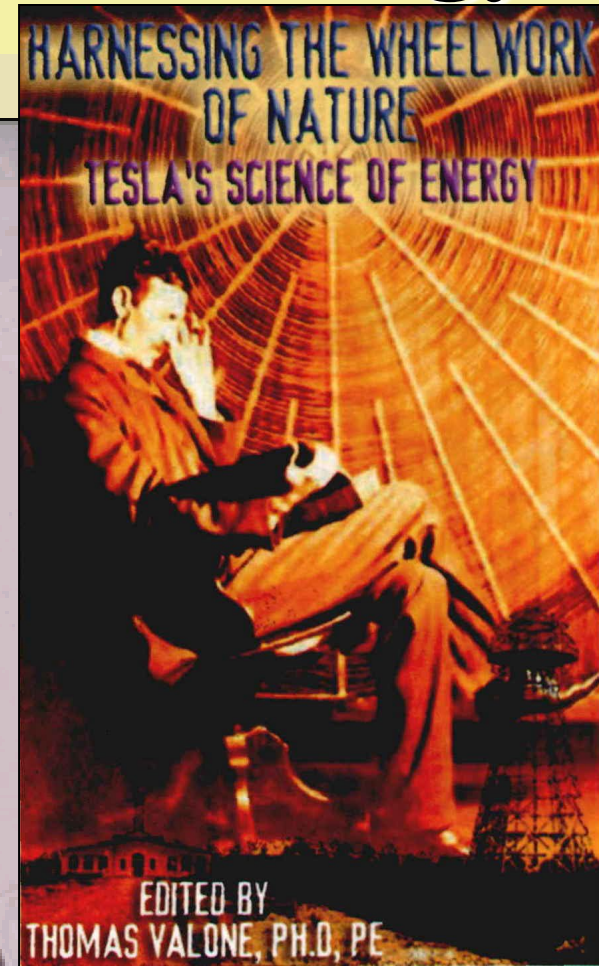
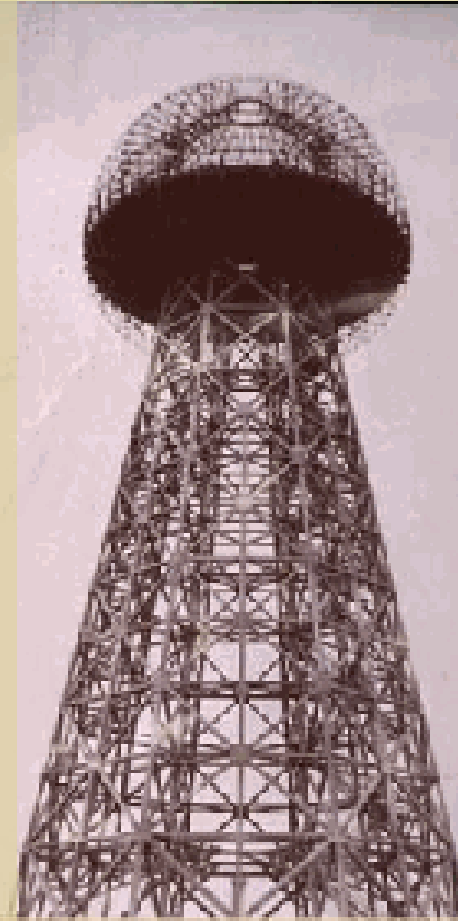
CNN TOM VALONE

PRES., INTEGRITY RESEARCH INST. 5-31p ET

HOLLYWOOD WALK OF FAME CNN ROUND BALL REJE

Tesla's Design for Wireless Energy

- ◆ 1905 Earth is resonant LRC circuit
- ◆ Magnifying transmitter 200 ft tall
- ◆ Wardenclyffe sphere 68 foot diameter
- ◆ Resonates with earth-ionosphere natural 8 Hz frequency for 95% efficiency of transmission
- ◆ Longitudinal and transverse EM waves
- ◆ see *Harnessing the Wheelwork of Nature*



IRI celebrated the Wardenclyffe Tower Centennial in 2003 with a **Tesla Conference and Expo** as well as book release

Earth's Most Recent 400,000 Year Climate History published in 2006

credit: Dr. Jim Hansen, NASA Goddard Inst. for Space Studies

CO₂ and the "Ornery Climate Beast"

How might today's human-caused increases in atmospheric concentrations of carbon dioxide and other greenhouse gases change the planet? The past provides clues. Geological records show that in the past 400,000

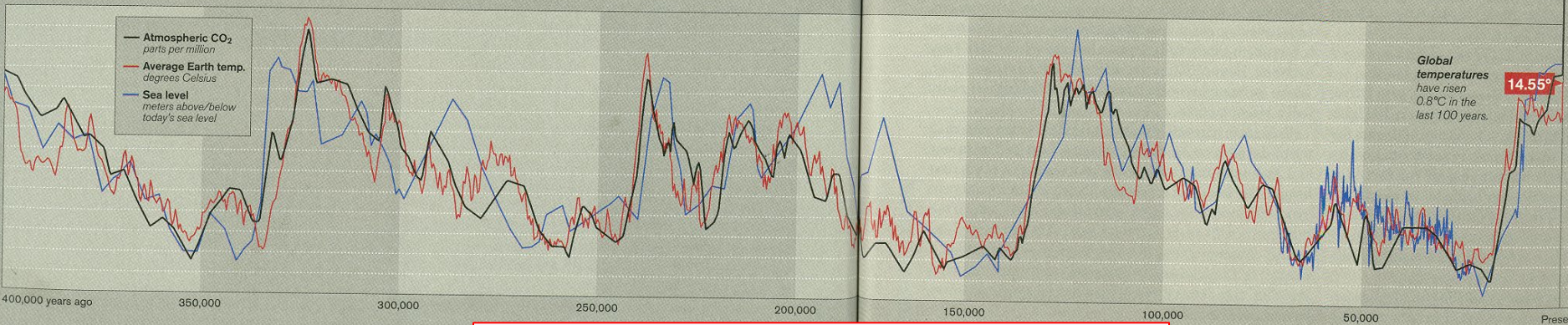
years, atmospheric concentrations of carbon dioxide, average Earth temperature, and sea levels have risen and fallen roughly in tandem, in 100,000-year cycles paced by slight oscillations in Earth's orbit. These oscillations

affect the distribution of sunlight, hardly affecting the total amount reaching Earth; yet, scientists believe, this has been enough to set in motion chains of events that raise and lower temperatures, launch and end ice ages, and trigger vast changes in sea level.

What's coming next? Carbon dioxide—the number one greenhouse gas—has

much more power to affect Earth's temperature than the orbital changes do. And in just the past 150 years, humankind has boosted carbon dioxide concentrations by 32 percent. NASA planetary scientist Jim Hansen says that if we continue to increase greenhouse-gas emissions, temperatures will rise between 2 and 3 °C this century, making

Earth as warm as it was three million years ago, when seas were between 15 and 35 meters higher than they are today. His predictions bear weight partly because he can verify his methods: using geological records, he has calculated past temperatures, and his results closely match the measured temperatures shown here. **DAVID TALBOT**



Full climate graph online at www.tinyurl.com/400000years

MIT's *Technology Review*, July, 2006

American Petroleum Inst. Memo

“Victory will be achieved when...average citizens (recognize) uncertainties in climate science.” - 1998

- ABC News 4-10-06

- API redefined warming as theory rather than fact

- **White House played along by using oil lobbyist as top environmental advisor until this year and censoring all climate science reports to remove “global warming” phrases**

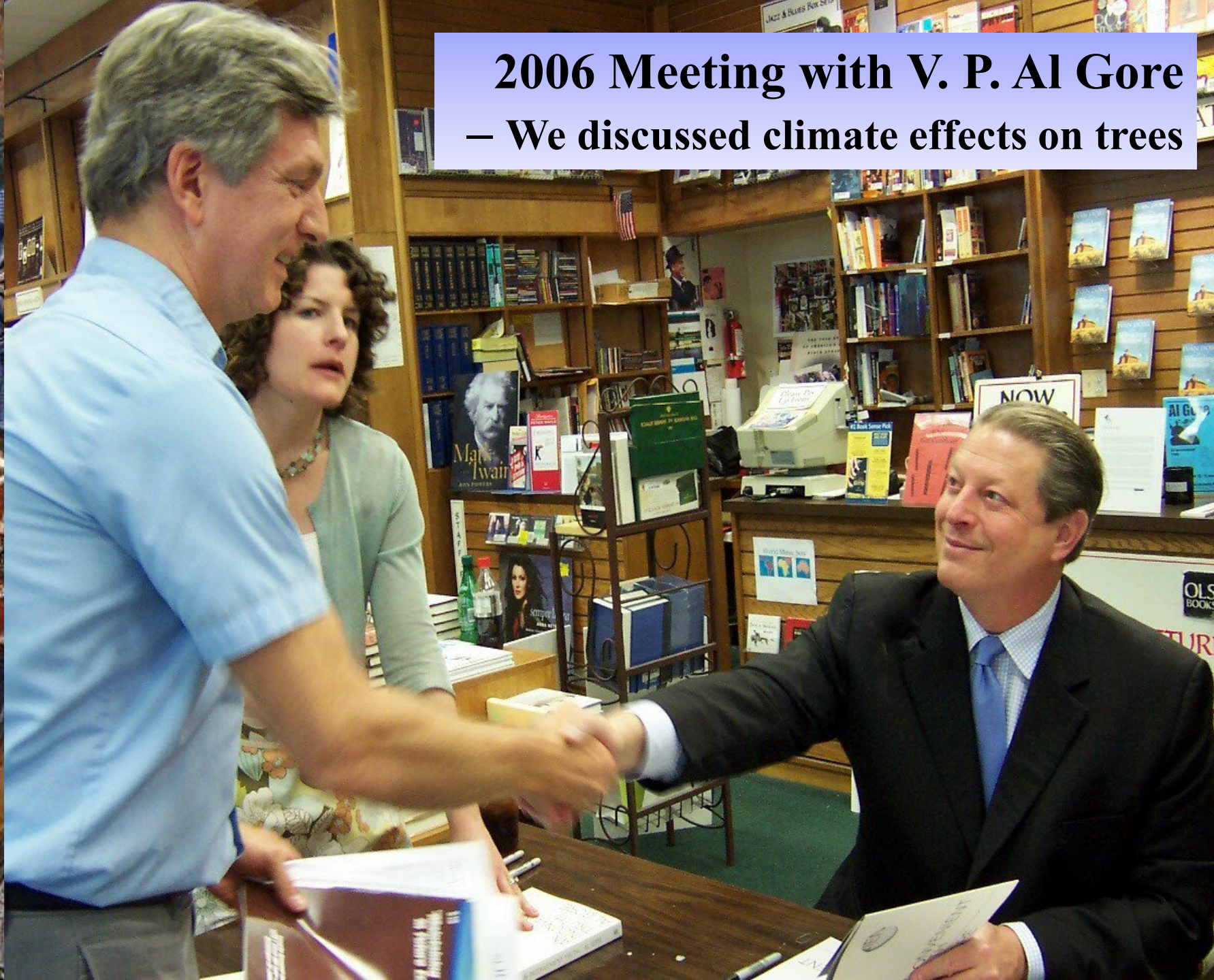
One Of The World's
Most Precious
Commodity

Hedge And Trade It With
SGX Middle East Crude Oil Futures

Trading Commences on 12 November '02



**2006 Meeting with V. P. Al Gore
– We discussed climate effects on trees**



Future Energy Goals

Why “future energy” rather than just more renewables?



- ◆ Expand new energy discoveries including wireless energy
- ◆ Develop the newly discovered modes of propulsion
- ◆ Create optimum health with electromedicine

No Carbon Emissions

Integrity Research Institute (IRI)

Programs Fulfilling IRI's Nonprofit Mission



Energy
Propulsion
Bioenergetics

www.IntegrityResearchInstitute.org

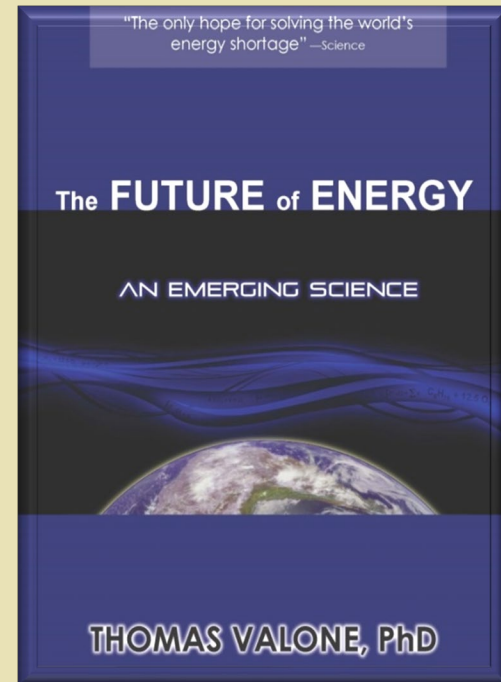
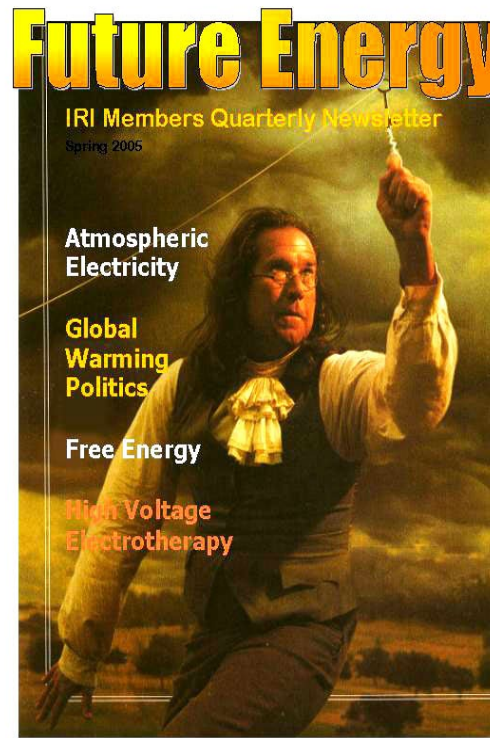
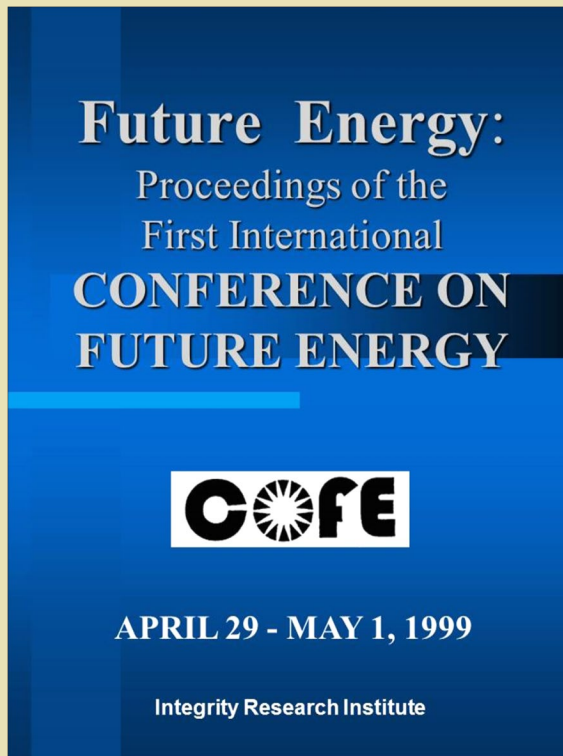


Integrity Research Institute

Integrity-Research.org

FuturEnergy.org

- ◆ ENERGY RESEARCH AND EDUCATION WITH SCIENTIFIC INTEGRITY
- ◆ Conferences, Books, Reports, Products & Future Energy eNews




- ◆ *ADVOCACY FOR THE COMMON GOOD without favoritism*
 - ◆ *nonprofit 501(c)3 organization that accepts tax-deductible donations*

IRI Future Energy Projects

- ◆ **Electric Antioxidant Clothes**
- ◆ **PREMIER High Voltage Electrotherapy**
- ◆ **Pulsed Electromagnetics (EM Pulser)**
- ◆ **OsteoPad Electric Bone Hardener**
- ◆ **Tunneling Diode Array Energy Generator**
- ◆ **Spiral Permanent Magnet Motor**
- ◆ **Inertial Shield and Electrogravitics**
- ◆ **Public Education (books, conferences, Future Energy eNews, videos, audios)**


Future Energy:
Proceedings of the
First International
CONFERENCE ON
FUTURE ENERGY
COFE
APRIL 29 - MAY 1, 1999
Integrity Research Institute



Energy Propulsion Bioenergetics


IntegrityResearchInstitute.org

**ELECTROGRAVITICS
SYSTEMS**



Thomas Valone, PhD
REPORTS ON A NEW PROPULSION

**HARNESSING THE GREEN WORK
OF NATURE
THE SCIENCE OF ENERGY**




EDITED BY
THOMAS VALONE, PhD, PI

**ZERO
POINT
ENERGY**
The Power of the Future
Thomas Valone



**Future
Energy
Annual**



Integrity Research Institute

**Bioelectromagnetic
Healing**
A Handbook to the
Future of Bio-Energy
By Thomas Valone, PhD



**Integrity
Research
Institute**

*Preserving scientific integrity
in emerging energy sciences*

nonprofit 501(c)3 organization



THE ZEPHYRUS

Future Energy

GRAVITATIONAL CONTROL RESEARCH

ELECTROGRAVITICS SYSTEMS II

THE ZEPHYRUS

FASTER THAN LIGHT

ZERO POINT ENERGY AND THE FUTURE

THE ZEPHYRUS

Second International Conference On Future Energy

What to expect... very near future... cutting edge energy technology

Movie Screening: "Who Killed the Electric Car?" D2Fusion Ltd.
Russ George



George Miley, PhD
Dense Plasma Fusion



Glen Gordon, MD
EM Pulse Therapy



Martin Burger
Tidal Power Electricity



Fabrizio Pinto, PhD
Quantum Vacuum Engineering



Dennis Bushnell
NASA Seawater Agriculture



James Dunn
NASA CTC Electric Airplanes & Fuel Cells



Penn State Bioenergy
Dr. Tania Slawecki



SEPTEMBER 22 — 24, 2006

Sheraton College Park, 4095 Powder Mill Road

IntegrityResearchInstitute.org





Speakers from COFE2

John Thomas Jr., Dr. Tania Slawecky, Dr. Glen Gordon



Personal Instructions from Glen Gordon M.D.

Presented to an IRI conference audience
Explains the benefits of pulsed EMF therapy



FREE copy with every
EM Pulser order



Upgraded Invention of Glen Gordon MD

EM Pulser Specifications

- **New Schumann Resonance 7.8 Hz pulse rate**
- Lightweight 5 oz. Portable – 1" x 3" x 5"
- Rechargeable Long-life Battery
- **AC Recharger Adapter with red-green indicator for full charge**
- Hook & Loop into belt loop to secure to limb
- 30 day money back guarantee
- 1 year manufacturer's warranty



Dr. Gordon is credited with implementing the NASA Study which found that a nanosecond rise time of a square pulse activates the **Heat Shock Protein (HSP 70)**. Surprisingly, HSP70 is an essential “Chaperone Protein” which **counters inflammation** almost immediately (within 20 minutes) after a trauma, so it is used in the ER.

Bone Knitting OsteoPad™

- ◆ 1 out of 2 people will develop **osteoporosis***
- ◆ **OsteoPad™** provides a patented EM signal proven to **stimulate calcium transport** across bone cell membrane, just like weight bearing exercise creates piezoelectric signals
- ◆ **Heals bone fractures in ½ of the time**
- ◆ Strengthens bones of elderly *while they sleep*, reversing **osteopenia and osteoporosis**
- ◆ In development by IRI in cooperation with Dr. Manning who patented an early version

*Time, October 25, 2004, p. 101

“Who Killed the Electric Car?”

Electric Car Exhibit!



87.00
THIS SALE \$
21.488
GALLONS
4.049
PRICE PER GALLON \$

"A QUERLY SHOCKING INDICTMENT OF OUR GAS-GUZZLING AUTO COMPANIES AND THE PETRO-POLITICIANS WHO LOVE THEM!"



Chelsea Sexton
GM Specialist, EV-1

SUNDANCE FILM FESTIVAL 2005 - TRIBECA FILM FESTIVAL 2006
WHO KILLED THE ELECTRIC CAR?

Movie Screening starring
Chelsea Sexton in person

For One Show Only!

AMC Loews Center Park 8

Exit 29B off Rt. 95, Beltsville, MD
4001 Powder Mill Rd. **Friday,**
Sept. 22, 2006 - Intro at 7:45 PM
with Chelsea. Afterwards, Q&A
wine & hors d'ouerves reception.
Only \$10. Movie starts at 8 PM.

Proceeds benefit IntegrityResearchInstitute.org

Stars: Mel Gibson, Alexandra Paul, Ralph Nader, Chelsea Sexton,
James Woolsey, Tom Hanks - - - *Narrated by:* Martin Sheen



**Chelsea
Sexton**
Fired GM
assembly
line worker
on the EV-1
line at
COFE2

Integrity in Research Award to Dr. George Miley



Former Director, Fusion Research Lab, University of Illinois

- [COFE 2 Proceedings 188-page book - complete collection of papers](#)

If you want to have a souvenir paperback 8.5" x 11" edition of these **COFE2 Proceedings** (191-pages), [visit the IRI webpage to order it.](#)

Below are Sample Video excerpts which are Memorable (order these or other COFE2 DVDs from IRI website)

- [Dr. Glen Gordon MD video - "Nanosecond and Pulsed EMF Advances for Electrotherapy" - COFE2 - mp4](#)

NOTE: This video has a 30-second "leader" starting delay. Dr. Gordon is the inventor of the EMPulse which saved him from a heart transplant, which had a nanosecond response time for the magnetic pulse and a Schumann 8 Hz pulse rate that [IRI has now reproduced with the EM Pulser 78](#) but in keeping with the basic design and intent of the doctor.

- [Dr. Fabrizio Pinto video - Progress in Quantum Vacuum, ZPE, Casimir, and Propulsion - mp4](#)

Note: This amazing presentation on zero point energy and the Casimir force is about one hour and ends with an ad for the 25-year-old video "Free Energy: The Race to Zero Point" for which Valone was an advisor. It is free on YouTube and the featured inventors mostly did not have free energy nor overunity inventions.

- [John Thomas video - the most detailed Searl Device Gravity Vehicle presentation ever done - COFE2 - mp4](#)

CO₂ and the "Ornery Climate Beast"

How might today's human-caused increases in atmospheric concentrations of carbon dioxide and other greenhouse gases change the planet? The past provides clues. Geological records show that in the past 400,000

years, atmospheric concentrations of carbon dioxide, average Earth temperature, and sea levels have risen and fallen roughly in tandem, in 100,000-year cycles paced by oscillations in Earth's orbit. These osc

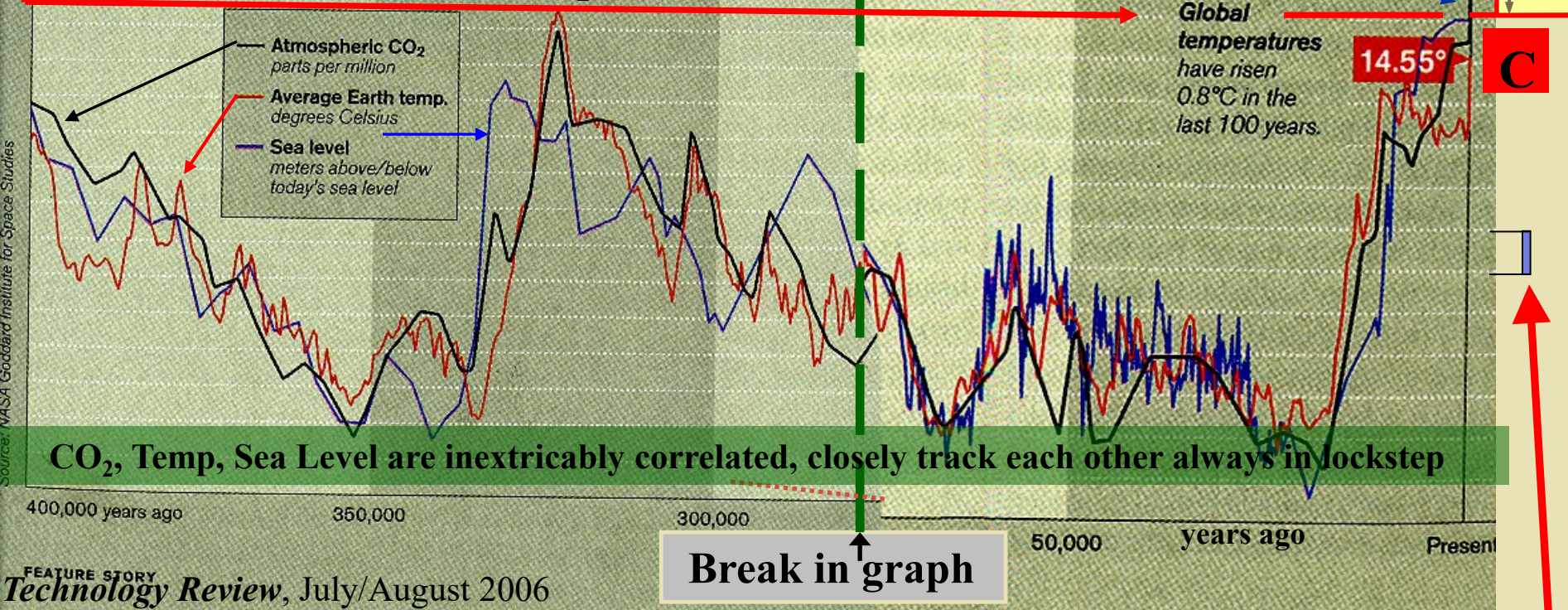
Global CO₂ Level in 2023

420 ppm

Temp Gap: 4°C (7°F)

Sea Level Gap

Baseline:
0 m Sea Level = 290 ppm CO₂ = 15 °C World Temp



FEATURE STORY
Technology Review, July/August 2006

Projected Sea Level Rise +80 m over centuries

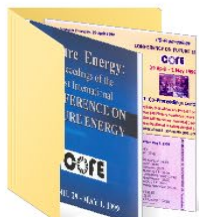
KEY to graph: 20 ppm = 1.0°C = 20 meters

--- Graph enhancements by Thomas Valone, PhD, PE - 2023

THE KEY – IRI Deluxe Library Archive Vol. 1



START



COFE1



COFE8



COFE10



COFE9



IRI Promotional docs



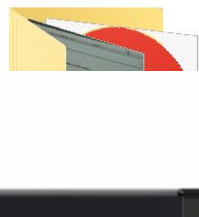
COFE7



FUTURE



Climate



irilo10



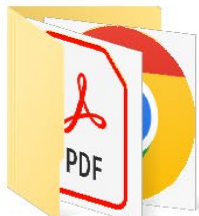
COFE11



COFE3



IRI
INTEGRITY RESEARCH
INSTITUTE



COFE12



COFE4



helping renew the earth



www.Futureenergy.org

Futureenergy



README

www.Integrity-Research.org



**Researching
Scientific Integrity**



**Energy
Propulsion
Bioenergetics**



Future Energy Surge of 2009



WORLD FUTURE ENERGY
Abu Dhabi, 19-21 January 2009 SUMMIT
www.WorldFutureEnergySummit.com

SPESIF 2009



EUROPEAN
FUTURE ENERGY
FORUM 09
Bilbao, Spain, 9th-11th June



**Integrity
Research
Institute**
helping renew the earth



COFE

- **World Future Energy Summit, Abu Dhabi**, Jan. 19-21, 2009
- SPESIF Future Energy Source Workshop, **Huntsville AL**, Feb. 24-26, 2009
- **Future Energy Forum**, Bilbao, **Spain**, June 9-11, 2009
- **Conference on Future Energy, Washington DC**, Oct. 9-11, 2009 - COFE3 was third in a series and tenth anniversary by Integrity Research Institute

A WORLD 4°C WARMER

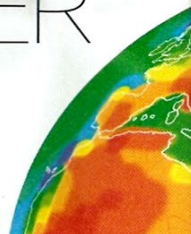
It may happen in our lifetime. **Shanta Barley** investigates what life will be like

BY 2055, climate change is likely to have warmed the world by a dangerous 4°C unless we stop pumping greenhouse gases into the atmosphere the way we do now. This is the startling conclusion of a study by the UK Met Office, unveiled at a conference in Oxford this week.

Why so soon? Because temperature rises caused by greenhouse gas emissions are expected to trigger dangerous feedback loops, which will release ever increasing amounts of greenhouse gases. The nature and scale of these feedback loops is a subject of vigorous debate among climate scientists, but warmer oceans, for instance, may liberate more

dissolved CO₂, and plants may decay faster in a warmer climate. The Met Office ran 17 different models with these feedbacks. All concluded a 4°C world by 2055 was likely if emissions continue to rise. Even if we are lucky, we are still likely to hit 4°C by 2070.

Institute for Climate Impact Research, Germany. Even the less pessimistic estimate of a 0.65-metre rise by 2100 would put at least 190 million people a year at risk from floods, says Rahmstorf's colleague Jochen Hinkel.



**Then in 2009,
TWO DIFFERENT
CLIMATE GROUPS:
SAME PREDICTION**

The Amazon - gone

In a 4°C world, climate change, deforestation and fires spreading from degraded land into pristine forest will conspire to destroy over 83 per cent of the Amazon rainforest by 2100, according to climatologist Wolfgang Cramer at the Potsdam Institute for Climate Impact Research in Germany. His climate models show global warming alone

WH
yours
130 c
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incre
15°C
of the
Califo
rise b
Stefa

The Nation

Washington Post, 9/25/09, p. A4

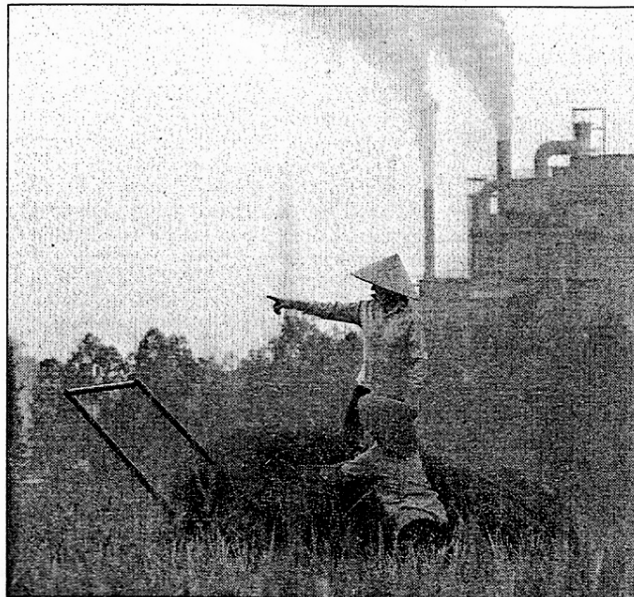
New Analysis Brings Dire Forecast Of 6.3-Degree Temperature Increase

By JULIET EILPERIN
Washington Post Staff Writer

Climate researchers now predict the planet will warm by 6.3 degrees Fahrenheit by the end of the century even if the world's leaders fulfill their most ambitious climate pledges, a much faster and broader scale of change than forecast just two years ago, according to a report released Thursday by the United Nations Environment Program.

The new overview of global warming research, aimed at marshaling political support for a new international climate pact by the end of the year, highlights the extent to which recent scientific assessments have outstripped the predictions issued by the Nobel Prize-winning U.N. Intergovernmental Panel on Climate Change in 2007.

Robert Corell, who chairs the Climate Action Initiative and reviewed the UNEP report's scientific findings, said the significant global temperature rise is likely to occur even if industrialized and de-



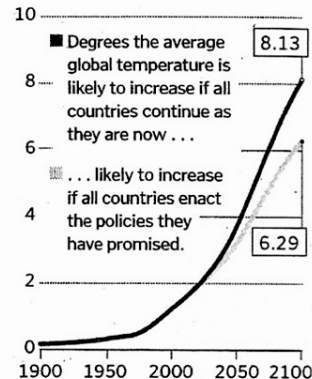
BY KHAM — REUTERS

Farmers are overshadowed by a smoke-belching cement factory outside Hanoi. Even with sharp emissions curbs, temperatures may rise disastrously.

Warming Trend

Researchers say global temperatures as likely to rise more than six degrees by the end of the century even if every country enacts all climate legislation it has promised to enact to date.

Temperature increases, in degrees Fahrenheit



SOURCE: Sustainability Institute

THE WASHINGTON POST

PRIZE FIGHT
Time to revamp
the Nobels

News

WEEKLY October 3 - 9, 2009

**Future
Earth**

New Scientist, 10/3/09

Third International Conference on Future Energy

"This 10th Anniversary COFE implements the new Washington DC trend achieving a higher density of speakers with panel discussions" -- Tom Valone, IRI President

Integrity Research Institute is proud to host the Third International Conference on Future Energy, October 9-10 2009 at the Washington Hilton Hotel. This Conference is designed for more audience participation

SPEAKERS

Robson Mello, is the Secretary General of the UN Intergovernmental Renewable Energy Organization (IREO). The Honorable Mr. Mello will open Saturday's session.



David Froning is an expert on Faster than Light theories and Zero Point Energy simulations. He will be a presenter on Friday and on our Advanced Energy - Future Concepts panel.



Larry Ott, has developed programs in renewable energy for the U.S. Department of Energy, the EPA and the Geothermal Heat Pump Consortium. He will be a panelist on the Future Renewables - 2020 Landscape panel.



Jim Dunn is a retired NASA Director for The Center for Technology Commercialization. He will be the Moderator of Future Renewables - 2020 Landscape panel.



Ed Esko uses photovoltaic solar panels to convert sunlight into safe easy to use electricity. CEO of Quantum Rabbit, he will be a panelist on our Future Renewables - 2020 Landscape panel.



Joe Firmage is the CEO of Many One Networks, the Founding sponsor of the Carl Sagan Foundation and sponsor of many energy and physics technologies. He will be our Banquet Keynote Speaker on Saturday



Jerry Glenn directs the UN Millennium Project which produced the annual *State of the Future* book and CD for the past 12 years. He will be a panelist on the Future Renewables - 2020 Landscape panel.



Eric Lerner is internationally known for his studies linking cosmic plasma phenomena and laboratory fusion devices, especially the dense plasma focus. He also raised \$1.2 million privately for his lab. He will be on the Fusion Options - Diversification panel.



Dr. George Miley is a recipient of the 2006 Integrity In Research Award, the coveted Edward Teller Medal in Nuclear Physics as well as a Senior Fellow of NATO. He will be on the Fusion Options - Diversification panel.



Dr. Thorsten Ludwig is a German physicist who has done extensive research on atomic and casimir forces physics. He has lectured widely all over the world. He will be a panelist on our Advanced Energy - Future Concepts panel.



Wayne Miller serves as the Technical Expert for the Center for Fiduciary Excellence and has been a consultant to Chile, Dubai and Jordan. Wayne will be our Luncheon Keynote Speaker on Energy Medicine on Saturday.



Dr. Jacqueline Panting is the Executive Director of IRI, a Naturopathic Doctor and a former Manager at Mt. Sinai Cardiology in FL. She will be a panelist on the Bioenergetics Developments Panel.



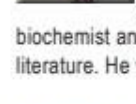
Dr. Ray Sedwick is Professor of Aerospace Engineering at the University of Maryland. His research includes space power and propulsion, and specifically nuclear fission and fusion for space transportation. He will be a presenter and a panelist on the Fusion Options panel.



Dave Goodwin is a Director at the US Department of Energy Small Business Innovations Research (SBIR) program. He will be the moderator for the Fusion Options panel.



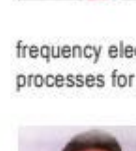
Moray King is an electrical and systems engineer who is an internationally recognized author and expert on zero point energy. He will be a speaker on Friday and panelist on the Advanced Energy - Future Concepts Saturday.



Dr. Glein Rein is a world renowned biochemist and is well published in the scientific literature. He will be a panelist on our Bioenergetics Developments Panel.



Dave Goldstein is the President of the Electric Vehicles Association in DC and will be a panelist on our Future Renewables panel.



Dr. James Bare has been involved in the use of pulsed frequency electromagnetic fields for physiologic processes for over 20 years. He will be on the Bioenergetics Developments Panel and speaker on Friday.



Dr. Tom Valone is the President of IRI and will give an introductory talk on the history of COFE and also moderate the Advanced Energy - Future Concepts Panel.



SPONSORS

- * Energy & Propulsion Systems, LLC
- * NPL Associates, Inc
- * Lawrenceville Plasma Physics Lab
- * IAASPES (Institute for Advanced Studies in the Space, Propulsion & Energy Sciences)
- * Arcos Cielos Research
- * New Energy Movement



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The Washington Hilton enjoys a magnificent garden setting that overlooks the capital city's impressive skyline. Conveniently located on fashionable upper Connecticut Avenue and only a quarter of a mile from the Dupont Circle Metro station, the hotel sits just minutes from Georgetown, Adams-Morgan, Embassy Row, the Washington business district, and all local points of interest.

COFE3 Menu

Integrity Research Institute
 5020 Sunnyside Ave
 Suite 209
 Beltsville, MD 20705

REINVENTING THE FUTURE OF ENERGY

Third International Conference on Future Energy
 Washington Hilton, downtown DC at Dupont Circle



INTEGRITY RESEARCH INSTITUTE
 presents



**Third International
 Conference On
 Future Energy**



Hilton Washington
 Hotel
 (Downtown DC at
 Dupont Circle)



- [COFE 3 Proceedings 192-page book](#) - complete collection of papers - PDF
- [COFE 3 Advertising Brochure](#) - photos of speakers and titles - PDF
- [Zero Bias Diode Arrays - Thomas Valone COFE 3 Paper](#) - Proposes small diode arrays that can transduce vacuum energy - PDF
- [Dense Plasma Focus Experiment at Lawrenceville Plasma Physics COFE 3 Paper](#) - Good overview of Eric Lerner's pB11 fusion setup and advantages - PDF
- [QUANTUM ELECTRODYNAMICS: LIGHT AND ATOMS - Prof. Jordan Maclay COFE 3 Paper](#) - Short slideshow explaining vacuum energy interactions - PDF

Below is a Sample Video from COFE3:

- [David Froning video](#) - Quantum Vacuum Engineering for Light Speed Space Travel - .mp4 video

[See the Disclaimer](#)
 All Materials are Copyright Integrity Research Institute ©1999

For those who like to have the 191-page [paperback 8.5"x11" Proceedings of COFE3](#) as a souvenir:

**OCTOBER
 9-10, 2009**

PROCEEDINGS OF



with PROGRAM

**The Third International
 Conference on Future Energy**




COFE3



First Ever Zero-Point Energy Panel of Experts



COFE4 Menu

Joint Conference with Space, Propulsion & Energy Sciences International Forum (SPESIF)



COFE4

FUTURE ENERGY NOW!

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 888-802-5243
 301-220-0440

Life extension and energy discoveries will be presented at COFE4 on March 15-17, 2011 at the University of Maryland, College Park (Exit 25 off Rt. 495 or Green line of the DC-Metro). Demonstration models, solar car, experimental resonance "RejuveMatrix", health and renewable energy exhibits.

- [COFE 4 Proceedings Table of Contents of 77 peer-reviewed papers all published by the prestigious ScienceDirect Physics Procedia](#)
 - [COFE 4 slideshow of Dr. C. Provatidis on Antigravity from Inertial Mass Experiments](#)
 - [COFE 4 paper of former DOD physicist, Dr. John Brandenburg on how EM fields can locally modify gravity \(very convincing though theoretical\)](#)
 - [COFE 4 sample Paper of Solomon on "Reverse Engineering Podkletnov's Experiments"](#)
- For all of the 77 exciting energy and propulsion papers, look in "COFE4Proceedings" folder on this flash drive or online visit [ScienceDirect Physics Procedia SPESIF 2011](#)
- [COFE 4 sample Biography of NASA Chief Scientist Dennis Bushnell](#)
 For 76 other biographies, look in "bios" folder in "COFE4Proceedings"

Below are Sample Videos which are Memorable

(order DVDs or electronic download from IRI website):

- [Scott Kelsey PhD Student - Telomere Elongation with EMF Resonance from a Tesla Coil Therapy Bed - 45 min. mp4 video](#)
- [David Froning/George Hathaway - "EM Radiation Experiments with Transmitting Contra-Wound Toroidal Coils" \(these are scalar fields by the way!\)- 45 min. mp4 video](#)
- [Hamilton Carter, physics PhD grad student - "Superconductor Gravity Experiments" NM State University testing Prof. Podkletnov's published force producer \(note Valone question at end referring to Pod's later "impulse-gravity" generator. - 45 min. mp4 video](#)
- [Dr. Jay Falker, NASA Chief Technologist - "NASA Innovative Advanced Concepts" pretty exciting, clear presentation - 30-min. mp4 video](#)
- [IRI Thomas Valone - Valone intro with COFE History - rest of Bushnell is elsewhere - 13 minute mp4 video but camera fixed on screen](#)

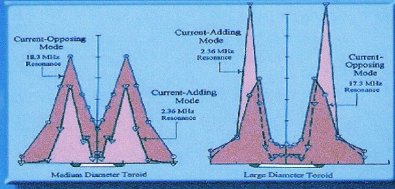
FUTURE ENERGY

SPECIAL ISSUE Volume 4 No. 2



Fourth International Conference

March 15-17, 2011



Steep magnetic field gradients forming in the radial direction over tightly-wound toroidal coils with no magnetic field on the inside of the coils which are in the current-opposing mode. Tested at Frong Lab.



Atomic Force Microscope testing the dynamics of the ferro magnets in the Ooler apparatus at the Ludwig Labs. Device investigated also by British Intelligence in 1947.

ENERGY
PROPULSION
BIOENERGETICS



www.IntegrityResearchInstitute.org

Space, Propulsion & Energy Sciences International Forum

March 15-17, 2011

University of Maryland, College Park, MD

<http://www.ias-spes.org/SPESIF.html>

SPESIF

IS an international technical forum organized by the [Institute for Advanced Studies in the Space, Propulsion & Energy Sciences \(IASSPES\)](http://www.ias-spes.org).

The SPESIF platform seeks to promote the exchange of information among technologists, academicians, industrialists, and program managers on technical and programmatic issues related to the Space, Propulsion and Energy Sciences.

Among its organizers, conference and session chairs, and attendees, are high-level representatives from industry, government agencies, and institutes of higher learning.

Papers approved for SPESIF are reviewed by the technical staff, Chairs and Co-Chairs and other Committee Members needed for a proper peer review.

Organizing Chair: [Glen A. Robertson](mailto:glen.a.robertson@ias-spes.org), 265 Ita Ann Ln., Madison, AL 35757, 256-694-7941

SPESIF-2011 is organized In Co-Operation with





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Research article *Open access*

Vortex Formation in the Wake of Dark Matter Propulsion

Physics Procedia, 2011

G. A. Robertson, M. J. Pinheiro

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Editorial *Open access*

Preface

Physics Procedia, 2011

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Research article *Open access*

The Death of Rocket Science in the 21st Century

Physics Procedia, 2011

Glen A. Robertson, Darryl W. Webb

[View PDF](#)

8th SYMPOSIUM ON NEW FRONTIERS IN THE SPACE PROSCIENCES

**ADVANCES IN CONTEMPORARY PROPULSION SCIENCES
&
ADVANCED TECHNOLOGIES, CONCEPTS, AND TECHNIQUES FOR APPLICATION**

VASIMR Human Mission to Mars

Andrew V. Ilin, Leonard D. Cassady, Tim W. Glover and Franklin R. Chang Di

Sling-on-a-Ring: Structure for an Elevator to LEO

Andrew Meulenberg and Timothy Poston

Electromagnetic Catapult Assisted Horizontal Launch

George Scelzo, William Dawson, Ken House and Ron Litchford

Nano-hetero structure applications in beamed power and space energy harvesting

Liviu Popa-Simil

Combined hybrid nuclear system for energy and propulsion

Liviu Popa-Simil

Hydrogen Storage Methods for Microthrusters

Xiaoling Yang, George H Miley, Nie Luo, Barbara Betti and Francesco Nasuti

FRONTIERS IN PROPULSION SCIENCE; THEORIES, MODELS AND C

Vortex Formation in the Wake of Dark Matter Propulsion

Glen A Robertson and Mario J Pinheiro

The Chameleon Hypothesis, Contextual Cosmos, and Prospects for Novel f Generation

Don Reed

Physics of Extreme Gravitomagnetic and Gravity-Like Fields for Novel Space Energy Generation

Walter Dröscher and Jochem Hauser

Reverse Engineering Podkletnov's Experiments

Benjamin T Solomon

Theoretical and Experimental Searches for the Podkletnov Effect

Hamilton Carter

FRONTIERS IN PROPULSION SCIENCE; EXPERIMENTAL RESU

On the Nature of the Propulsive Force of Asymmetric Capacitors in the Atmosphere

Alexandre A Martins (Student) and Mario J Pinheiro

New Directions in Electromagnetism for Propulsion and Power

H David Froning and Terence W Barrett

Possible Mach Effects in Bodies Accelerated by Non-Uniform Magnetic Fields

Nembo Buldrini

4th CONFERENCE ON FUTURE ENERGY

SOLAR AND SPACE SOLAR POWER

Terrestrial Micro Renewable Energy Applications of Space Technology

Narayanan Komerath

Sandwich Module Development for Space Solar Power

Paul Jaffe

ADVANCED NUCLEAR ENERGY

Modeling of Selected Ceramic Processing Parameters Employed in the Fabrication of Fuel Pellets

R. A. Brockman, D. P. Kramer, C. D. Barklay, D. Cairns-Gallimore, J. L. E. and C. E. Van Pelt

Enhanced Singular Wave Reactor for Surface Power

Liviu Popa-Simil

Extensions to Physics: Low-Energy Nuclear Reactions

Andrew Meulenberg and K P Sinha

Deuteron Driven Fast Ignition of Pre-compressed Fuel: An Estimation of Energy

George H Miley, Xiaoling Yang, Kirk A Flippo, Heinrich Hora

The Progress of Low Energy Nuclear Reaction Study at University of Illinois at Champaign

Xiaoling Yang, George H Miley, Heinrich Hora

Conventional physics can explain cold fusion excess heat

Scott R. Chubb

EXPERIMENTAL DEVICES

A Hyper-efficient Inverter Driven By Positive EMF In Combination with Transistors

Osamu Ide

Water Electrolyzers and Zero-Point Energy

Moray B King

Experiments with Coler Magnetic Current Apparatus

Thorsten Ludwig

OTHERS NOT DEFINED ABOVE

The Flow of Energy

Frank Znidarsic and Glen A Robertson

Department of Energy (DOE) R&D Programs

Dave Goodwin

COFE5 promotes Valone to Chairperson

* * *

Fifth CONFERENCE ON FUTURE ENERGY

29th February through 2nd March 2012 at the University of Maryland



COFE5 Menu

[Joint Conference: COFE5 with Space, Propulsion & Energy Sciences International Forum \(SPESIF\)](#) - The last of two great collaborative efforts (COFE4 & SPESIF too) both of which resulted in a prestigious publication online at a cost of \$4000 each that includes "Open Access" for your benefit (click on the next link)!

[For all of the dozen exciting energy and propulsion papers, Physics Procedia V.38 created a "Special Issue" online through ScienceDirect.com where you can download a zip file 14.7 MB of all 31 papers for free!](#)

- [COFE5/SPESIF original webpage promotion for the dual conference at the U of Maryland](#)

- [COFE5/SPESIF Extensive Agenda and Detailed Program](#) - PDF

- [Introductory two-page summary of COFE5/SPESIF "Breakthrough Energy Technologies" by Conference Coordinator Chair Valone](#) - PDF

Sample papers from one of the largest COFE5/SPESIF Joint Conferences IRI has ever held:

- [COFE5/SPESIF paper of Dr. Moddel's PhD Student on their ZPE Emissions from a Casimir Cavity](#)
- [COFE5/SPESIF paper of Paul Potter on "Ferroelectric Metamaterial Plasmonic Power Generation for a Helical Alpha-Accelerated Propellantless Propulsion Space-Drive"](#)
- [COFE5/SPESIF paper by Tom Valone on Electrokinetics Propellantless Propulsion](#)
- [COFE5/SPESIF paper by Dr Paul LaViolette on "The Cosmic Ether: Introduction to Subquantum Kinetics"](#)

Below is a Sample Video which is Memorable (order DVDs or electronic download from IRI website):

- [Dr Garret Moddel's super explanatory slideshow on zero point energy, including "ZPE Emissions from a Casimir Cavity" - and Robert DeBiase "Are Casimir Forces Conservative?" for the first hour \(the rest is audio only\)](#)



SPESIF 2012
Space Propulsion & Energy Sciences International Forum

At the University of Maryland, Riggs Alumni Center, Washington DC Metro Area.

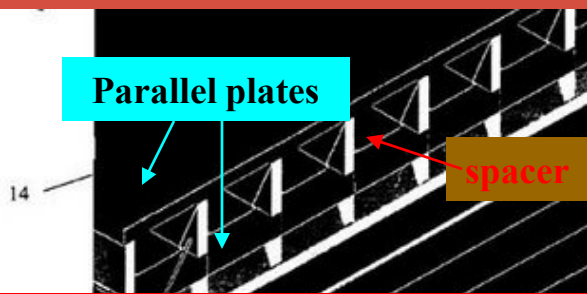
THEME
Time For A Change

Five (5) Conferences under one roof:
Space Propulsion,
Future Energy,
Astrosociology,
Gravity Waves
Space Science & Technology

Peer-Reviewed papers, published by ELSEVIER Science Publishers through ScienceDirect known worldwide

SPONSORED BY

Quantum Energy Extraction



Haisch-Moddel patent 7,379,286

It is reasonable to expect that a 0.1 microns Casimir cavity would result in a release of 1 to 10 eV for each injection of a He, Ne, Ar, Kr or Xe atom into such a cavity.



Test of zero-point energy emission from gases flowing through Casimir cavities

Space, Propulsion & Energy Sciences International Forum - 2012
1 March 2012

Olga Dmitriyeva & Garret Moddel*
Department of Electrical, Computer, and Energy Engineering
University of Colorado
*Presenter (also with Jovion Corporation)

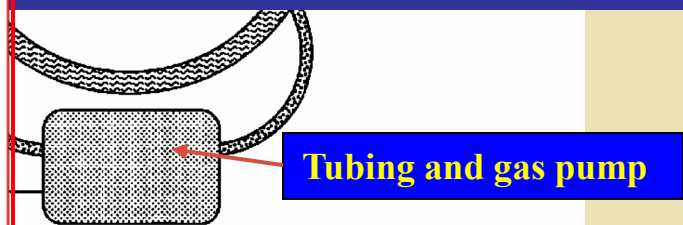
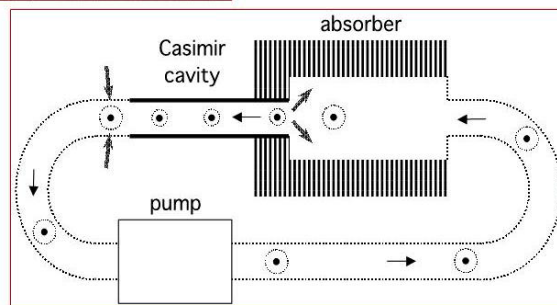
Pumping Gas Through Casimir Cavities

United States Patent
Haisch et al.

Patent No.: US 7,379,286 B2
Date of Patent: May 27, 2008

QUANTUM VACUUM ENERGY
EXTRACTION

Inventors: Bernard Haisch, Redwood City, CA
(US); Garret Moddel, Boulder, CO





Chief Administrator for DOE grants, around 1990, Dr. Saul Perlmutter from Lawrence Berkley National Lab applied to the DOE for a grant to study supernovae. Dr. Perlmutter and two scientists on the team were awarded the Nobel Prize in Physics in 2011 for discovering *the universe is accelerating* in its expansion, thanks to Dave Goodwin's grant.

President Valone giving David Goodwin, senior scientist from US Department of Energy (DOE), the crystalline, engraved IRI Integrity in Research Award at the 2012 COEES banquet.

COFE6 Menu

Joint Conference with the Natural Philosophy Alliance (NPA)

University of Maryland,
Riggs Alumni Center,
Washington DC
Metro Area



STUDENTS FREE
WITH ID
800-295-7674
301-220-0440

THEME

Time For A Change

Five (5) Conferences under one roof:

*Space Propulsion,
Future Energy,
Astrosociology,
Gravity Waves*

Space Science & Technology

Peer-Reviewed papers, published by
ELSEVIER Science Publishers
through ScienceDirect known worldwide

futureenergy.org



COFE6 Proceedings in 2013

- [COFE6/NPA 175-page Proceedings including Matt Emery's slideshow/analysis of Leedskalnin's Coral Castle and other slideshows on energy research](#) - (PDF)

Contents

Thorsten Ludwig - Subtle Influences on a Single Electron's Spin	6
Jim Dunn – Resilient Solar PV Systems: Providing AC Power During Grid Outages.....	15
John Finnerty – The Konterra Solar Project: Maryland's First Solar Grid Storage.....	23
Francis McCabe – Gyro/Inertial Propulsion & Gyro Particles Forces Systems.....	43
George Miley, PhD – Life at the Center of the Energy Crisis: New Book.....	63
Sterling Allan – Top 5 Exotic Free Energy Technologies Closest to Market	73
Tom Valone – Review of the Josef Papp Nobel Gas Engine with Video.....	80
James Putnam – Empirical Origins for Force and Acceleration.....	87
Thorsten Ludwig, PhD – Experiments with Coler current generator and Norby patent.....	97
Nick Simos – Physics Assessment of Nikola Tesla's Wireless Energy.....	107
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Sample Slideshow/paper(s) from COFE6/Natural Philosophy Alliance
Conference: - PDF

- [COFE6/NPA amazing slideshow of Dr. Nick Simos from Brookhaven National Lab on "A Classical Physics Assessment of Tesla's Wireless Energy"](#)
 - [One of the few in the world who can claim this achievement: "Successful Replication of the Josef Papp Noble Gas Engine." Slideshow of Russ Gries from RWGResearch.com at COFE6/NPA](#)

Sample Video(s) from COFE6/Natural Philosophy Alliance Conference: - mp4

- [COFE6/NPA interesting one minute silent video simulation of a Tesla tower pulsating broadcast of a surface wave across the earth from "A Classical Physics Assessment of Tesla's Wireless Energy"](#)

Below is a Sample Video which is Memorable (order DVDs or electronic download from IRI website):

- [Dr Garret Moddel "ZPE Emissions from a Casimir Cavity" - and Robert DeBiase "Are Casimir Forces Conservative?"](#) - Use Windows Media Player for .wmv file



Seventh CONFERENCE ON FUTURE ENERGY
July 29-August 1, 2015 Embassy Suites Hotel, Albuquerque NM

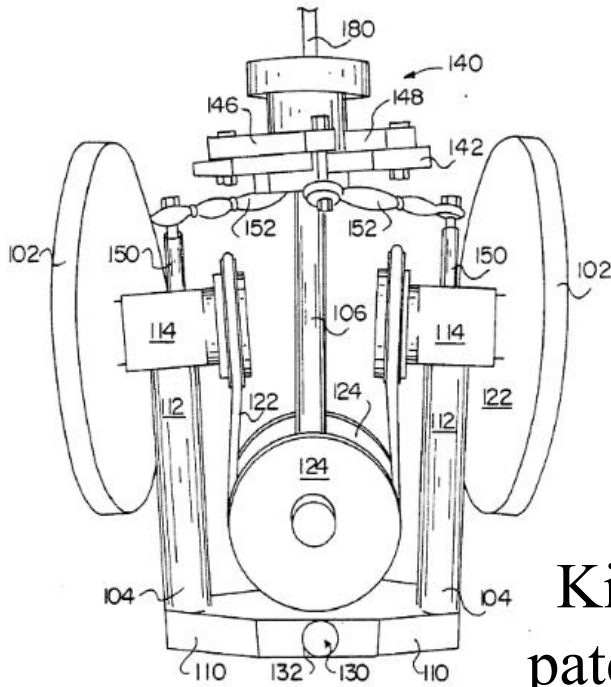
COFE7 Menu

In Cooperation with TeslaTech LLC and ExtraOrdinary Technology Conference



- [COFE7 450-page Proceedings including Inertial Propulsion, Casimir Cavity, PULsed Magnetic Fields, and other slideshows on energy research - \(PDF\)](#)

IRI Inertial Propulsion Research



Kidd
patent

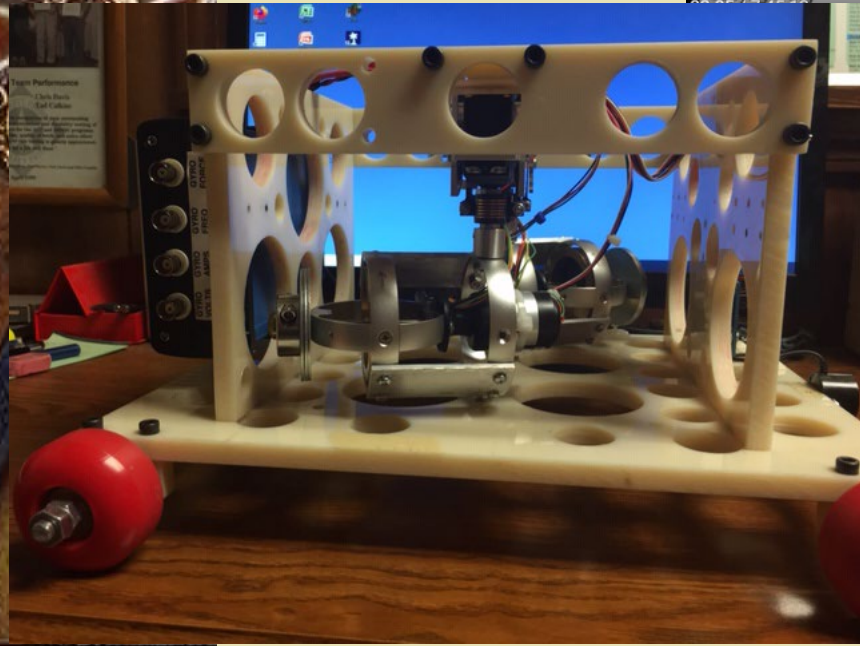
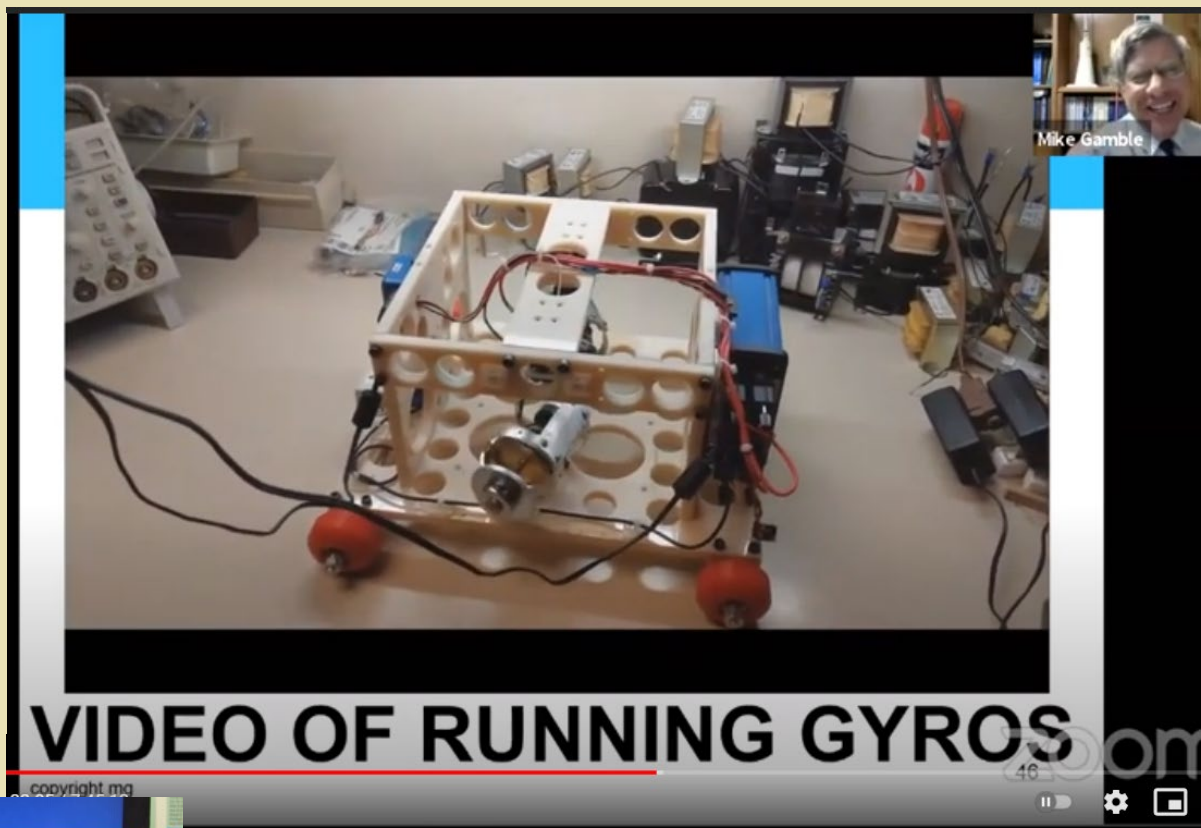
A purely mechanical process of using rotating masses, such as “**scissoring gyroscopes**” to cancel or rectify centrifugal force and produce thrust in ONE DIRECTION, e.g., Kidd #5,024,112

Engineer **Mike Gamble** discloses that Boeing has been using inertial propulsion (*scissoring gyros*) on its satellites “for years” at **COFE5** sponsored by **IRI**



SPESIF/COFE5 2012

**Mike has kept
improving the
working
model for
eight years
thru COFE12**



energy - COFE12 Aug. 14, 2020 Friday

**← With my enthusiasm
and IRI support, Mike
produced a tabletop CMG
model for COFE7 in 2015**

COFE7 Table of Contents

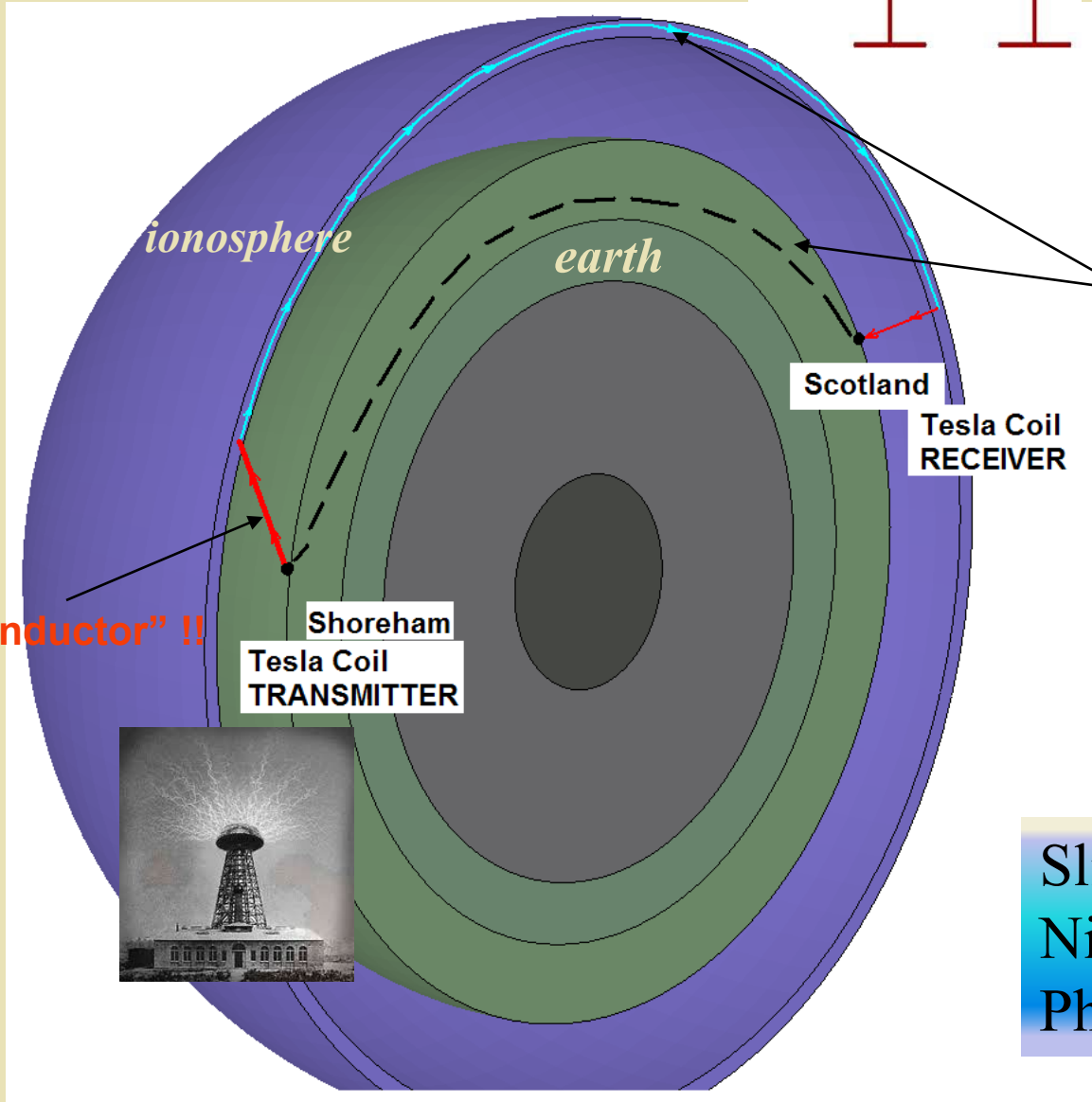
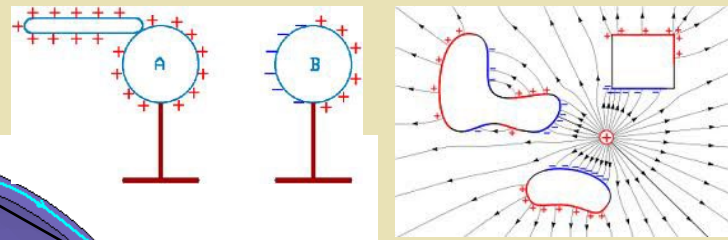
Preface	.....
Program Schedule	.....
Abstracts and Biographies	.....
Papers and Annotated Slides Section	
Revealing Antigravity Technology – Alek	.....
Asymmetric Force from Casimir Plates – DeBiase	.....
History of Boeing’s Control Moment Gyro (CMG) Force Producer – Gamble	.....
Inertial Propulsion Engineering: Overview of the Science – Gamble	.....
Reid Crystal Cell Vacuum Energy Electron Pump – Gregg	.....
Casimir Cavity Forces: Master’s Degree Project – Henriques	.....
Thunderclouds and Zero Point Energy – King	.....
Single Atom Intention Experiment – Ludwig	.....
Coler Generator – Ludwig	.....
New Healing Paradigm: Pulsed Magnetic Fields – Panting	.....
Tesla Unplugged: Classical Approach to Wireless Energy Transmission – Simos	.....
Spiral Magnetic Motor Development - Valone	.....
Breakthrough Future Energy Technologies – Valone	.....
Non-Invasive Medicine – Weiner	.....
New Solution for Cars and Land Irrigation – Weingandt	.....
Papp Engine Analysis and Investigation – Wood	.....

Sample Slideshow/paper(s) from COFE7 and TeslaTech Conference:

- [COFE7 electrotherapy slideshow of Dr. Jacqueline Panting on "THE IMPORTANCE OF NANOSECOND PULSED ELECTRIC & ELECTROMAGNETIC FIELDS"](#) - PDF

Electrostatic Induction (capacitive coupling) High-field Gradient or differential capacitance

Also known as the "Tesla Effect" can be described as electrical displacement or the passage of electrical energy through space other than the application of voltage potential



Giant earth-ionosphere capacitor

Ionized plasma "conductor" !!



Slide from
Nick Simos,
PhD, PE

COFE8 Menu

In Cooperation with TeslaTech LLC and ExtraOrdinary Technology Conference

- [COFE8 300-page Program along with selected and invited slideshows and papers on Health and Longevity \(Dr. Norm Shealy\), Electrogravitics, and other slideshows on energy research](#) - (PDF)

8TH CONFERENCE ON FUTURE ENERGY

July 29 - 30th 2016

Albuquerque Embassy Suites Hotel, NM



Register Now for COFE8

FuturEnergy.org

888-862-5243 or 301-220-0440 Fax: 301-513-5728
IRI, 5020 Sunnyside Av #209 Beltsville MD 20705

FREE ADMISSION to

ExtraOrdinary Technology with COFE8 Registration



Thomas Valone PhD
"Electrogravitics For
Advanced Propulsion"



Moray King
"Nanobubbles and
Nanocavity Plasma"



Dr Elliott Maynard
"Brave New Mind: Future
Science for a New Biosphere"



Linda Moulton Howe
"Electrogravitics with
Laminated Metal"



Robert DeBaise
"Quantum Fire
Project"



Thorsten Ludwig
"ZPE, Magnetism &
Consciousness"



Norm Shealy MD, PhD
"Biochemistry & Physics of
Longevity"



Mike Gamble
"The Real Tesla Electric
Car: No Batteries Needed"

Plus: Bill Alek, "Inertial/Gravitational Mass Modification for Space Travel"

H. David Froning: "Faster Than Light Experiments"

Tim Wilson: "Monopole Magnet Dumbbell Atom Model Demo"

Stephen Weingandt: "New Tech for Better Life Quality - New Solution for You"

Donald Reed: "Steuckelberg Off-Shell Mass Model for Particle Interaction"

- updated June 2016 -

Sample Video(s) from COFE8 and TeslaTech Conference:

- [COFE8 plenary video presentation of Linda Moulton Howe 90-minute shocking lecture on "AUTOBIOGRAPHICAL ACCOUNT OF ELECTROGRAVITICS WITH LAMINATED METAL"](#)



Linda Moulton Howe giving her "standing room only" lecture to an eager crowd, which we stole with no effort from the ExtraOrdinary Tech ballroom!



Analysis of Electrogravitics and Electrokinetics for Aviation and Space Travel

Thomas Valone, PhD, PE

STAIF, Albuquerque, NM

www.unm.edu/~isnps/staif/2006

February 16, 2006

and

AIAA, Joint Propulsion Conference,

Hartford CT

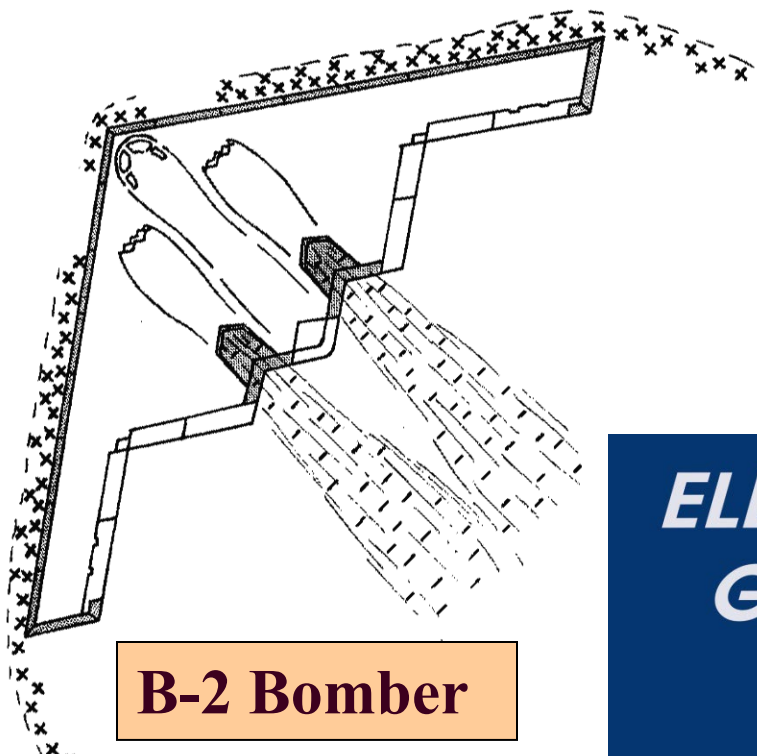
July 23, 2008

PROPULSION PROGRAM

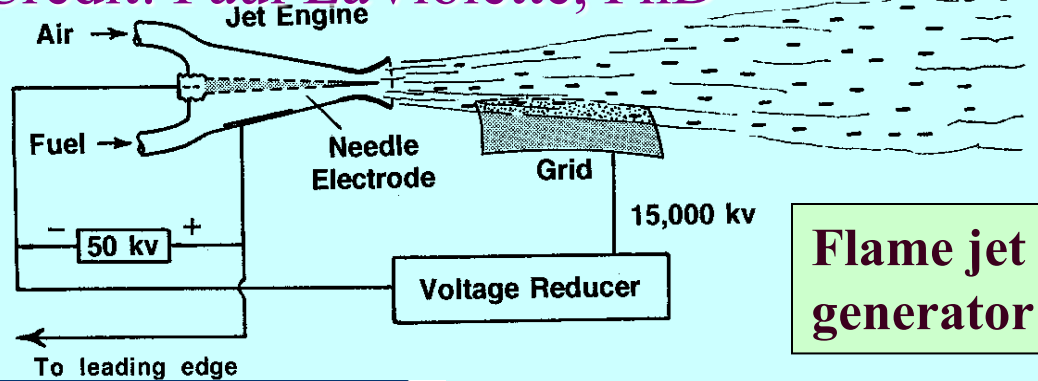
THOMAS VALONE, PH.D.

**PRESIDENT,
INTEGRITY RESEARCH INSTITUTE**

History Channel, "Ancient Aliens," 2011



Credit: Paul LaViolette, PhD



Flame jet generator

ELECTRO GRAVITICS SYSTEMS

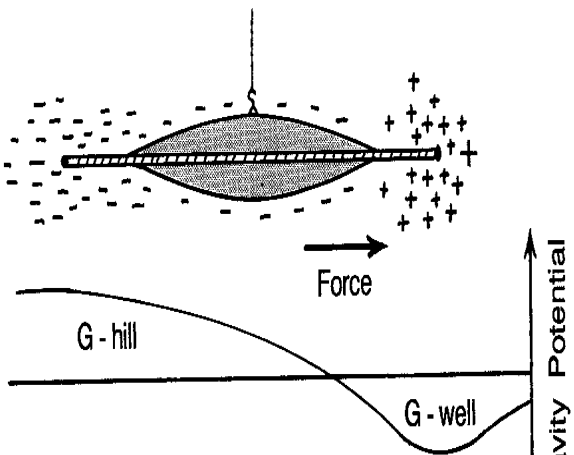
Volume I

Thomas Valone, PhD

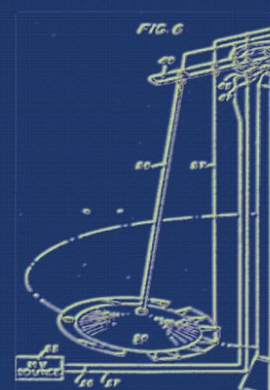
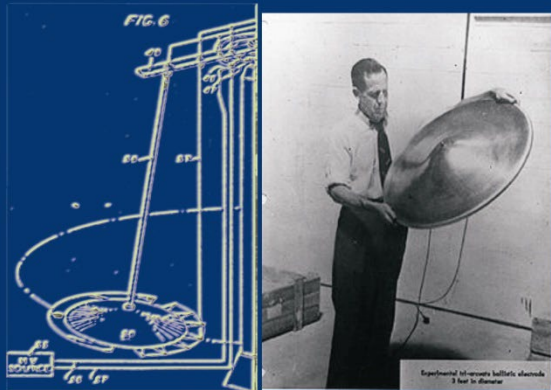
ELECTRO GRAVITICS II

Validating Reports on a New Propulsion Methodology

Thomas Valone, PhD



Charge distribution



Electrogravitics HoverCraft Demo

Norton Air Force Base 1988

1950's
rivets

Passengers

Oxygen
tanks

Complete story in
Disclosure by Dr.
Steven Greer &
Electrogravitics II by
Tom Valone

Investigated by
Dr. Hal Puthoff,
former CIA
contractor

Seen by Brad
Sorenson and a
Congressman

COFE9 Menu

In Cooperation with TeslaTech LLC and ExtraOrdinary Technology Conference

- [COFE9 180-page Program along with selected and invited slideshows and papers on Bioelectromagnetics, Electrogravitics, and other slideshows on energy research - \(PDF\)](#)
- [Detailed Review of COFE9 -](#)

9TH CONFERENCE ON FUTURE ENERGY
July 28 - 29th 2017
Albuquerque Embassy Suites Hotel, NewMexico

COFE9

Register Now for COFE9
FuturEnergy.org

888-802-5243 or 301-220-0440 Fax: 301-513-5728
IRI, 5020 Sunnyside Av #209 Beltsville MD 20705
FREE ADMISSION to
ExtraOrdinary Technology with COFE9 Registration

 Robert DeBiase "Quantum Fire Project"	 Nirmala Kandan PhD, PE New Mexico State Univ. "Harvesting Energy f/ Wastewater"	 Glen Robertson of NASA "Propentless Space Drives"	 James Dunn "Energy Devices Research"
 Aidan Shaller "Living Off the Grid"	 Thorsten Ludwig PhD "Casimir Forces Experiment"	 Russell Anderson "JRR Searl Propulsion Devices"	 Mike Gamble "CMG Propulsion Device Project"

SPECIAL SPEAKER: Dr. Carolyn McMakin: "Resonance Effects with Microcurrents"
William Alek: "Warp Drive Engine Technologies" PLUS: Dan Grebenisan, Don Reed, Dave Froning David Strom, James Purvis, and Tom Valone

Sample Video from COFE9 Conference:

- [Dr. Glen Rein explains the fascinating "Electrical Properties of DNA" that he measured in his lab](#)
45 minutes - mp4 video



Typical Exhibit Hall at COFE during the years at Embassy Suites in Albuquerque NM

Videos on DVDs available from www.Integrity-Research.org

COFE 10 Menu

In Cooperation with TeslaTech LLC and ExtraOrdinary Technology Conference



Director Gwen Holdmann presenting her "Alaska's Center for Energy and Power as a Model of Sustainable Technology" which included examples (and video) of devices such as solar cells, small wind turbines, micro hydro, battery banks, rocket stoves and local inventions.

- [The huge 600-page COFE10 Proceedings with selected slideshows and papers on Bioelectromagnetics, Electrogravitics, Alaskan Renewable Energy, and other slideshows on energy research](#) - (PDF)

COFE10 Proceedings Contents in Order: Ludwig, Rein, Ahern-Valone, DeBiase, King, Gamble, Holdmann, Price, Walker

- [Summary of COFE10 and Review of the conference - PDF](#)



Giving credit to exhibitors, of which there were many, here is **Gariaev wavegenetics laser exhibit**. It sends the laser light thru young cells in order to make old cells young again. His reference list is below.

Peter Gariaev Publications on Wave Genetics and Biolaser Use Publications in Foreign Journals

1. Gariaev P.P., Vikhert A.M., Zakharkina G.A., Alexandrova L.G., 1977, Endogenous reserpine-like substances in the myocardium and other tissues of man and animals., USA-USSR First Joint Symposium on Sudden Death. Yalta, USSR, October 3-5, 1977, pp.323-338.
2. Gariaev P.P., Chudin V.I., Komissarov G.G., Berezin A.A., Vasiliev A.A., 1991, Holographic Associative Memory of Biological Systems, Proceedings SPIE - The International Society for Optical Engineering. Optical Memory and Neural Networks. v.1621, p.280- 291. USA.
3. Gariaev P.P., 1994, DNA as source of new kind of God "knowledge", Act and Facts/Impact series, N12, pp,7-11.

COFE11 Menu

In Cooperation with TeslaTech LLC and ExtraOrdinary Technology Conference

- [This is a huge 400-page COFE11 Proceedings with selected slideshows and papers in alphabetical name order. Topics include space travel, Ufology, energy research, inertial propulsion, and more.](#) - (PDF)

Contents are by Author name in alphabetical order: Alek, Cornet, DeBiase, Gamble, Gray, LaViolette, Valone



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: 301-513-5726
IRI, 5020 Sunnyside Av #209 Beltsville MD 20705
FREE ADMISSION to
ExtraOrdinary Technology with COFE11 Registration

			
Robert DeBiase	Jackie Panting	Paul Murad	Bruce Cornet
			
Paul LaViolette	Tom Valone	Thorsten Ludwig	Mike Gamble


SPECIAL SPEAKER:
Bruce Cornet PhD

PLUS Invited Speakers:
Dr. Robert Gray, Dr. James Purvis, Ray Maor, Chris Orwoll, Dr John Brandenburg and Schuyler Jelsma

Sample Video(s) from COFE11 and TeslaTech Conference:

- [Paul Murad presenting some of the most interesting physics of energy \(see Murad paper\) including his experimental Searl magnetic "disc".](#) - mp4 video
- [Dr. Valone entertaining the audience with the most compelling future energy tech at the Breakthrough Energy Movement \(GlobalBEM.com\)](#) - one hour - mp4 video

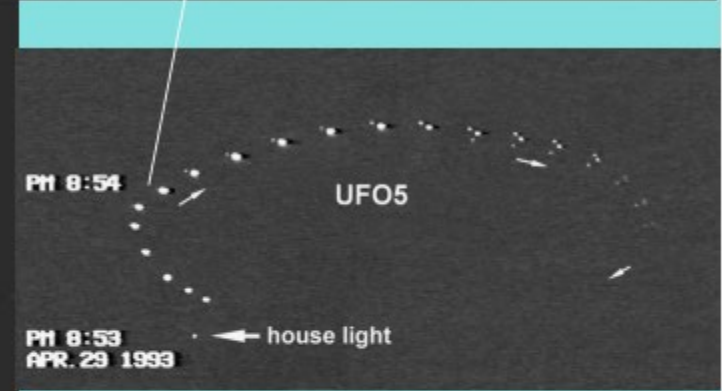
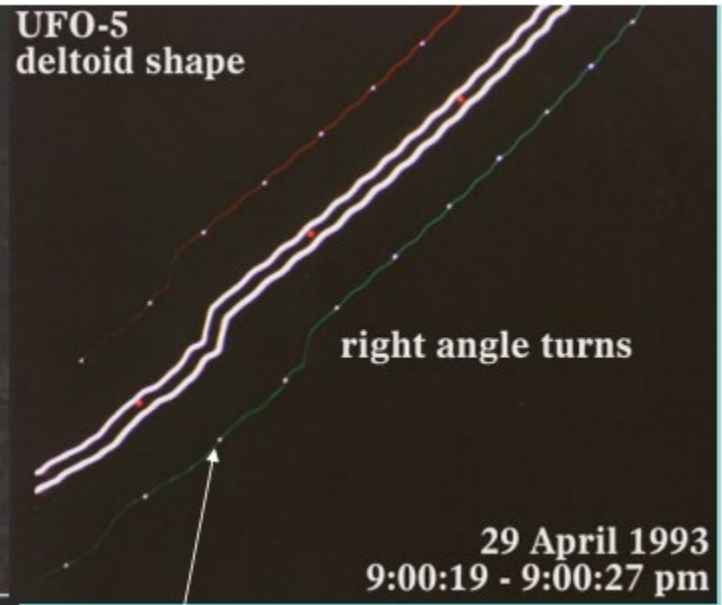
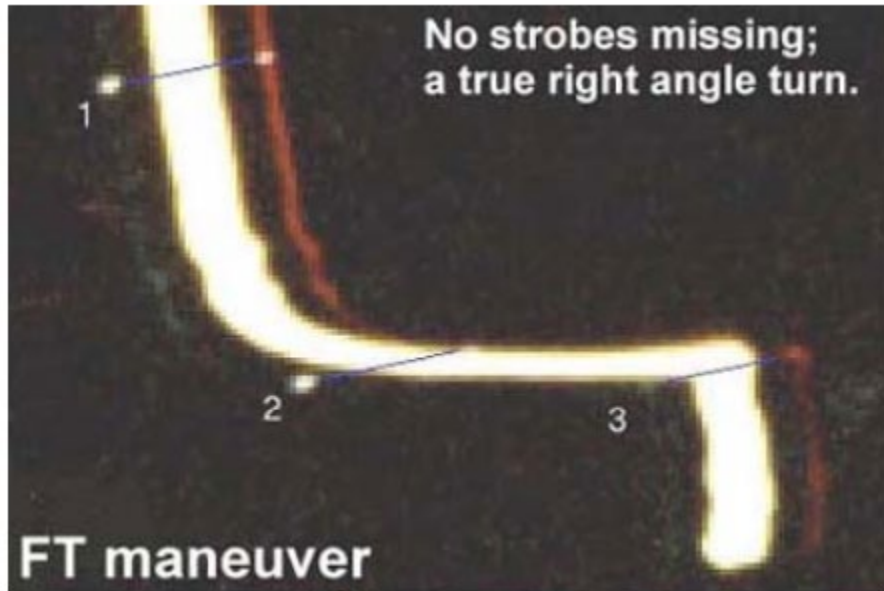




Unconventional Aircraft and their Performances

An Eleven Year Study By
Bruce Cornet, Ph.D.

Whose advanced hardware is this?



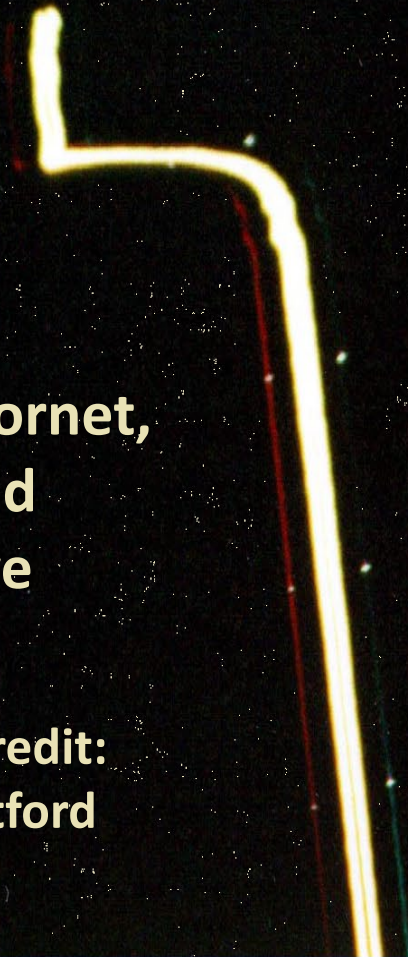
Right Angle Turns
Gravity and Inertial Shielding

Black Projects Have Inertial Shielding

As seen on History Channel,
2008

Dr. Bruce Cornet,
geologist led
group of eye
witnesses

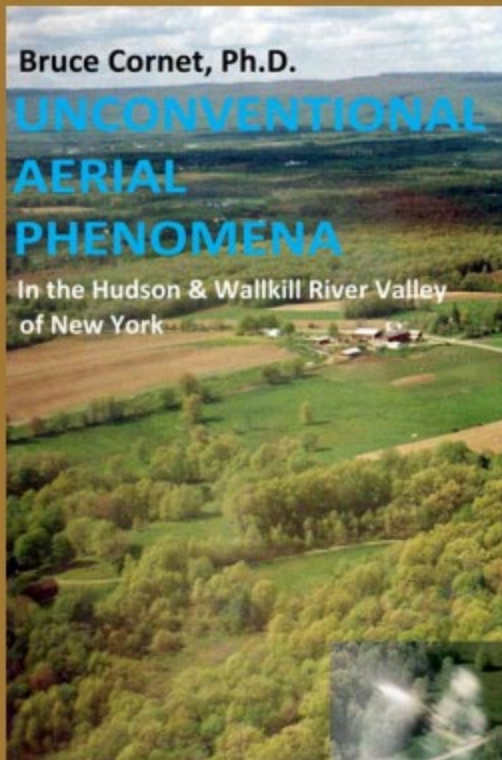
1995 Photo credit:
W. Marc Whitford



enables fast acceleration

- Pine Bush near Stewart AFB
- Delta-shaped aircraft 
- Two mobile white headlights
- Steady red, green lights and blinking yellow lights on tips of craft
- No visible contrail
- Abrupt change of direction
- Ability to hover motionless
- Inverse Doppler effect
- Audible but low engine noise

**Unconventional Aerial Phenomena in the
Hudson and Wallkill River Valley of New York**
is available in the TeslaTech Bookstore





Twelfth CONFERENCE ON FUTURE ENERGY
 August 14-15, 2020 Friday & Saturday streaming with Friday online - YouTube

COFE12 Menu

In Cooperation with Integrity Research Institute

- [Here is a monster 724-page COFE12 Proceedings with every single slideshow and paper in order of appearance, starting with Friday August 14 \(also on YouTube\) on Impulse Drive, Quantum Vacuum Energy, Climate, GyroBuild Part 4, Noetic Science of Magic, Gravitation, and other slideshows on energy research - \(PDF\)](#)

12th CONFERENCE ON FUTURE ENERGY

August 14th-15th, 2020, 10-6 pm EDT

ZOOM Virtual Conference Online



FuturEnergy.org

FREE ADMISSION: But you must register in order to receive free link!

888-802-5243 or 301-220-0440 Fax: 301-513-5728

IRI, 5020 Sunnyside Av #209 Beltsville MD 20705



Dean Radin PhD



Ray Fleming



Tom Valone PhD



Col. Eric Felt



Ed Storms PhD



Paul Murad



William Alek



Mike Gamble

SPECIAL SPEAKERS:

Dean Radin PhD --- Col. Eric Felt USAF

Invited Speakers: John Brandenburg PhD - Bob DeBiase
 Dr. Thorsten Ludwig, Moray King

Sample Video(s) from COFE12 and TeslaTech Conference:

- [Dr. Dean Radin presenting \(Friday session\) some of the most interesting double-blind studies of psychic energy and consciousness](#) - mp4 video
- [Dr. Valone presenting \(Friday\) the most compelling climate history and anticipated future from COFE12](#) - mp4 video
- [Mike Gamble, formerly from Boeing, explains \(Friday\) the concluding theory of his four part series on the commutating gyros which propel a cart](#)
[Mike's CMG Part 4 is also at this spot on YouTube](#) - mp4 video.
- [Dr. Louis Rancourt presents \(Friday\) very rigorous experiments showing a surprising, controllable gravity effect using focused light](#) - mp4 video
- [Entire Saturday COFE12 session \(since History Channel stopped the online YouTube posting from Aug. 15\)](#) - 7 hour mp4 video

Sample Slide(s) from COFE12 and TeslaTech Conference:



Intention
significantly
improved
growth of
seeds

Shiah, Y-J, Hsieh, H-L, Chen, H-J, Radin, D. I. (2017). A randomized, controlled trial of the effects of intentionally treated water on growth of *Arabidopsis thaliana* seeds with cryptochrome mutations. *Explore*.



Climate Gigaton Solution Advocacy Project

IRI Public Education Campaign to Remove Excess CO2 from the Air

CLIMATE SOLUTION Menu

- [Video recording of a "Predictive Connection of CO2, Warming, and Sea Level" given at IEEE-ISTAS, Tufts University, Boston MA in 2019 and again for COFE12 in 2020 \(52 min. - YouTube video with one ad\)](#)
- ["THE Climate Change Gigaton Solution" - Valone slideshow on the CO2 capture/removal solution from 2023 - PDF](#)

Our most educational and comprehensive 32-page publication is ["Predictive Connection for 2100 between Atmospheric Carbon, Global Warming and Ocean Height Based on Climate History"](#) Thomas F. Valone, *International Journal of Environment and Climate Change*, Page 562-593, Published: 11 October 2019, DOI: 10.9734/ijecc/2019/v9i1030140. It is open access and free to download.

In 2020, our contribution to the press was a review article, ["Global Environmental Forecast and Roadmap Based on 420 kY of Paleoclimatology"](#) Thomas F. Valone, *Journal of Atmospheric Science Research*, Published Online - Open Access, 30 July 2020,

In 2021, IRI also published an updated CO2, temperature, and sea level correlation article, ["Linear Global Temperature Correlation to Carbon Dioxide Level, Sea Level, and Innovative Solutions to a Projected 6°C Warming by 2100"](#) in the *Journal of Geoscience and Environment Protection*, Vol.9 No.3, March 2021, with lots of solutions including Direct Air Capture at the gigaton level to counter the 40 gigatons added annually to the heat trapping CO2 atmosphere blanket above our heads.

Global Environmental Forecast and Roadmap Based on 420 kY of Paleoclimatology

Thomas F. Valone

Integrity Research Institute, Beltsville, MD, USA

DOI: <https://doi.org/10.30564/jasr.v3i3.2191>



Introductory Ufology and Astrosociology

Proposed University Level Textbook by Thomas F. Valone, PhD, PE

Table of Contents

- 1) Introduction
- 2) Recent Navy and NASA Disclosures
- 3) Battle of Los Angeles
- 4) Bentwaters and Rendlesham Forest
- 5) Roswell and Corso
- 6) Betty Hill Star Map and Astronomy magazine
- 7) Crop Circles and Chilbolton
- 8) Billy Meier and Col. Wendel Stevens
- 9) Bob Lazar (and possibly David Adair)
- 10) Electrogravitics and T. Townsend Brown (NICAP)
- 11) Panspermia and Dr. Milton Wainwright
- 12) Van Tassel, Paulsen, and the Blitz over DC
- 13) Astrosociology of Extraterrestrial Civilizations

In other words, in my opinion,

The best UFO stories, with end-of-chapter questions, that are well-documented, convincing evidence of highly advanced technology which is not earthly and possibly extraterrestrial.

History Channel includes a demonstration of the Valone model of a proposed completed Integratron with a Tesla coil in center

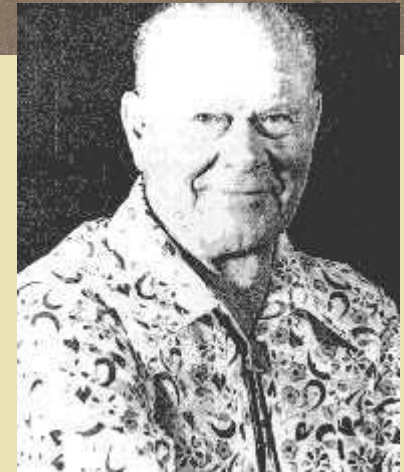
See this History channel's Ancient Aliens S15, E8 for FREE, with advertising, from its website: <https://play.history.com/shows/ancient-aliens/season-15/episode-8>



When you view this video, it is suggested to go for the *Interactive Advertising* and click so that the 'watch the film' link will pop up in a few seconds. This is faster than the three-minute ads which are the default.

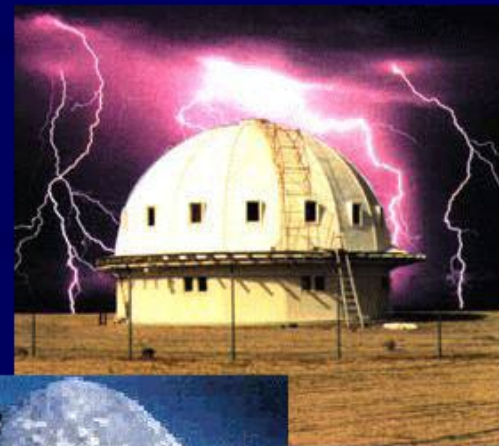
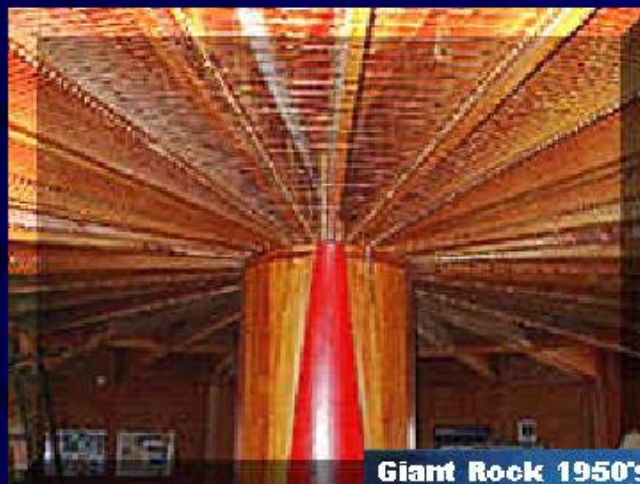


This model also included a miniature **Lakhovsky MultiWave Oscillator antenna**, just like the one in the ceiling of the ground floor of the real Integratron.



George Van Tassel

George Van Tassel & the Integratron



Giant Rock 1950's



www.Integratron.com



Homopolar Generators are “a subject worthy of further research”

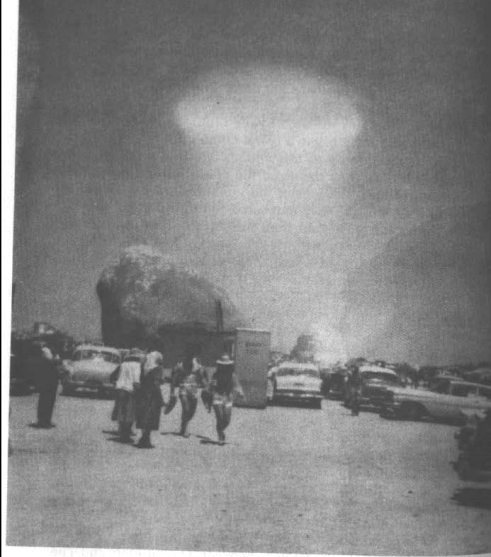
The Homopolar Handbook

A Definitive Guide to Faraday Disk and N-Machine Technologies

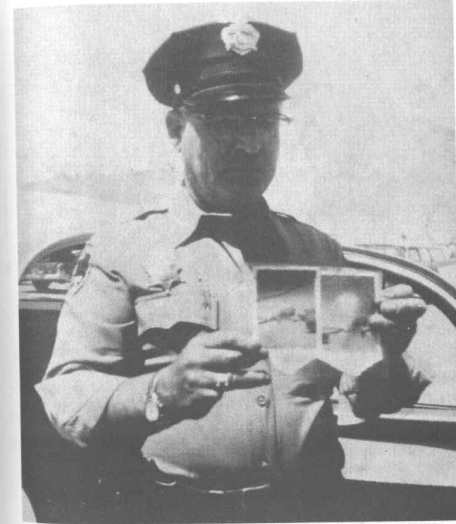


Thomas F. Valone, PhD

Based on Sunburst: Return of the Ancients book by Norman Paulsen:



A ship over Giant Rock,



And the deputy sheriff who took the picture.

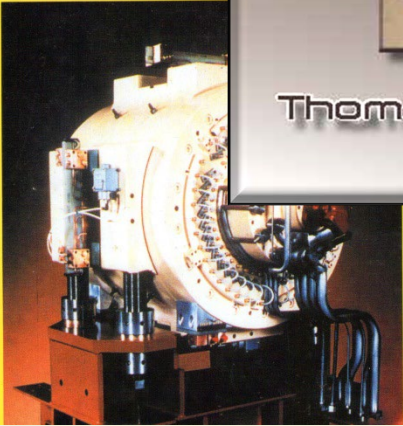
Giant Rock, Calif. saucer, photo & deputy sheriff who took the photo



“Magnets around the edge of a rotating disk”

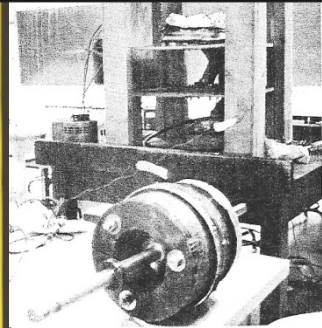
“generator would be self-perpetuating”

THOMAS V.
DAS UNIPOLAR

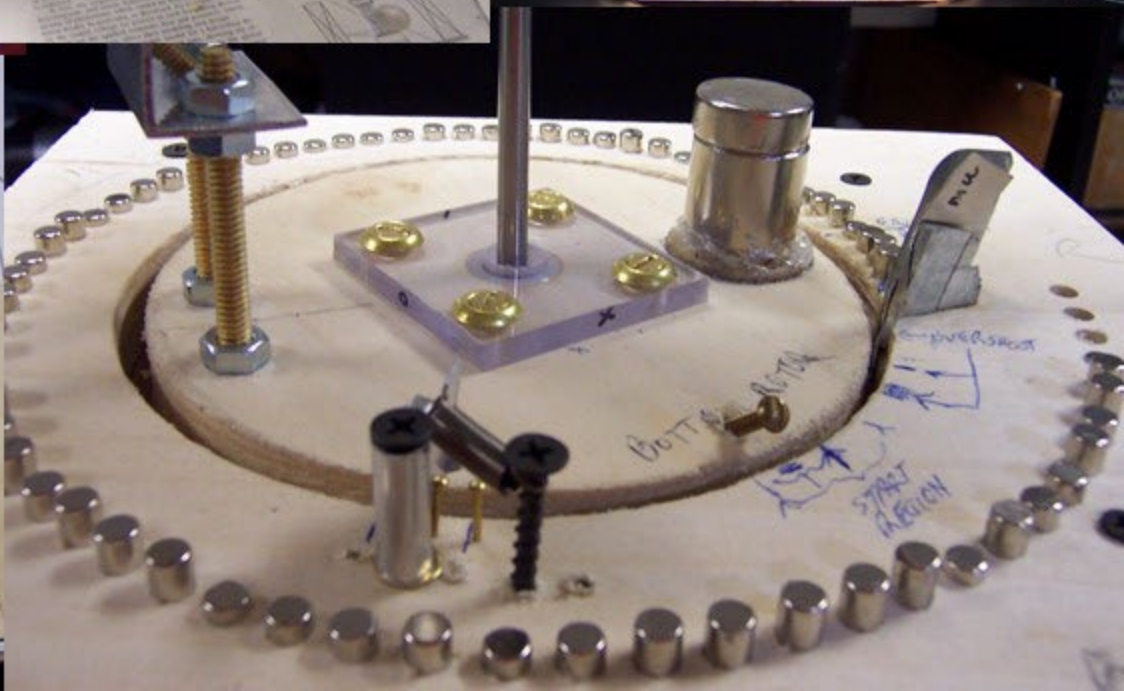
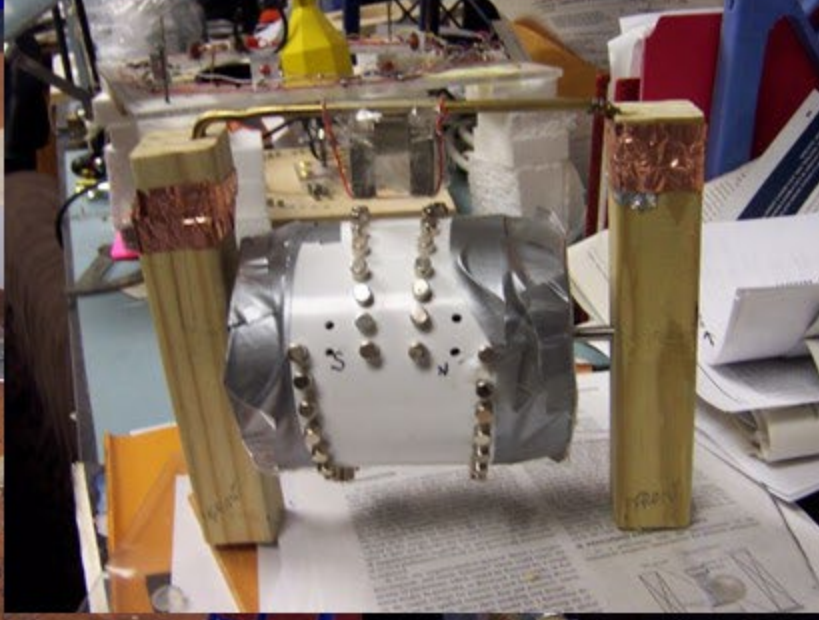


German edition

EIN GRUNDLAGENWERK DER FREIEN ENERGIE:
FARADAY-SCHEIBE UND N-TECHNOLOGIEN



Valone's Spiral Magnetic Motors



Magnetic Field Gradients

The Stern–Gerlach Experiment and Electron Spin

Modern Physics, Schaumm's Outline Series, Gautreau, McGraw Hill, 1978

In the *Stern–Gerlach experiment*, performed in 1921, a beam of silver atoms having zero total orbital angular momentum passes through an *inhomogeneous* magnetic field and strikes a photographic plate, as shown in Fig. 21-1. Any deflection of the beam when the magnetic field is turned on is measured on the photographic plate.

Their experimental setup: The magnetic field B is more intense near the pointed surface at the top than near the flat surface below, creating a slope in a graph of B vs. z , which is the gradient dB/dz .

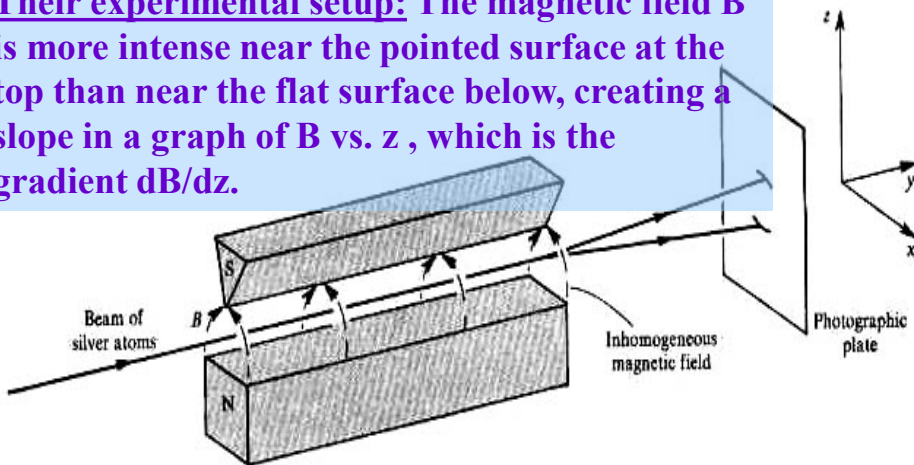


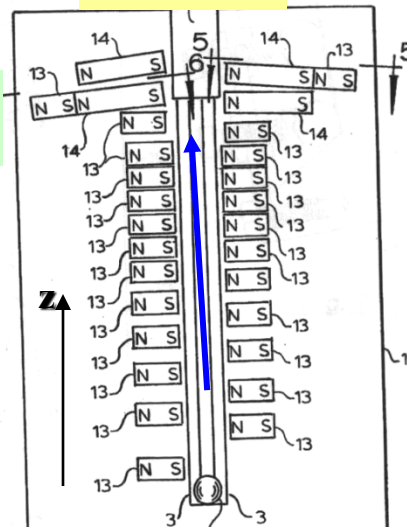
Fig. 21-1

The purpose of the *inhomogeneous* magnetic field is to produce a deflecting force on any magnetic moments that are present in the beam. If a homogeneous magnetic field were used, each magnetic moment would experience only a torque and no deflecting force. In an inhomogeneous magnetic field, however, a net deflecting force will be exerted on each magnetic moment μ_z . For the situation of Fig. 21-1,

$$F_z = \mu_z \cos \theta \frac{dB}{dz} \quad (21.1)$$

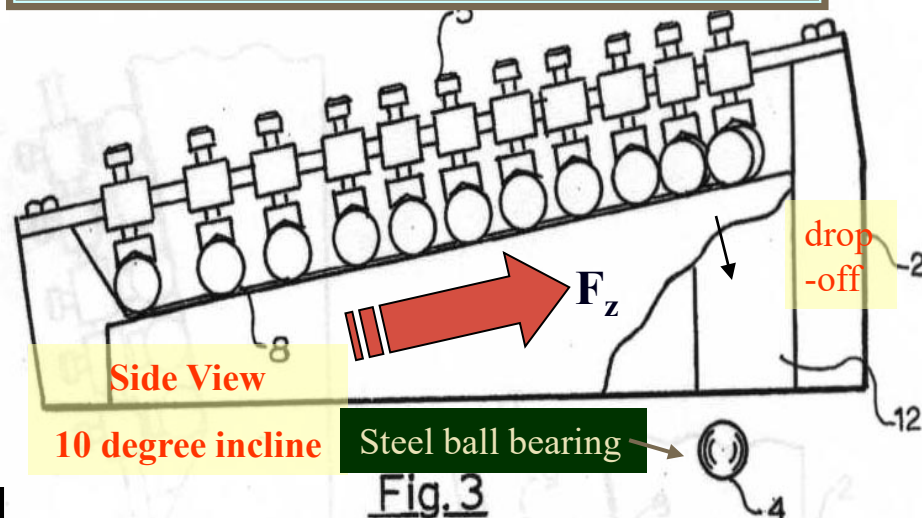
where θ is the angle between μ_z and B , and dB/dz is the gradient of the inhomogeneous field

Top View



The net Force created on the ball bearing = the magnetic field gradient multiplied by the induced magnetic moment, as with the Stern–Gerlach Experiment

Hartman Patent #4,215,330



Side View

10 degree incline

Steel ball bearing

Fig. 3

BIOENERGETICS PROGRAM

Energy Medicine Projects

- Electric Clothes, OsteoPad, PREMIER
- HF EMF can be “pulsed” – called PEMFs
- Low **transmembrane potential TMP** = disease = low Na-K pump & ATP impairment
- **External high voltage PEMFs increase TMP**
- Boosting TMP while creating electron transfer to **fight free radicals** helps the immune system and gives the body **MORE ENERGY**
- Electric gradients vs. chemical gradients



Bioelectromagnetic Healing

A Rationale for Its Use

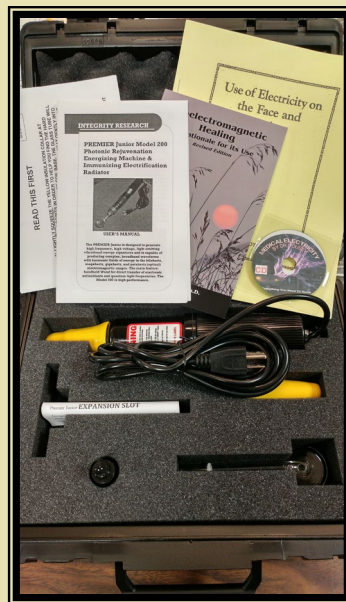
Thomas Valone, Ph.D., P.E.

“Electrons are antioxidants and high voltage EMFs strengthens immune response.” – Dr. T. Valone

Photonic Rejuvenation Energizing Machine & Immunizing Electrification Radiator (PREMIER) Tesla Coil Technology



Dr. Richard Gerow
using Model 200



PREMIER Junior
Model 200



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Valone appearance on ["The Immortality Machine"](#) History Channel "Ancient Aliens" series S15, E8 - 2020, also [available online at History.com](#) free with your cable provider name.

[Bioelectromagnetic Healing - Valone](#) - narrated slide show (PowerPoint) should be self-starting with Dr. Valone speaking (if you have Microsoft Office installed)

[Review of Dr. Glen Gordon lecture on his EM Pulser](#) - he reversed his own cardiac condition (Adobe PDF)

[Chronic Fatigue and Electromedicine](#) - article by Dr. Valone (PDF)

[History and Physics of Electromedicine](#) - published Valone article summarizing electromedicine (Adobe PDF)

[Health Effects of Ions and Ozone](#) - Valone article published in several magazines(PDF)

[Bioinformation Within the Biofield: Beyond Bioelectromagnetics](#) - Dr. Glen Rein - J Alt & Comp Med 2004

[Summary of Valone edited book, "Future of Energy, Challenges, Perspectives, and Solutions"](#) - Nova Publishers, 2020

[Ad for MasterClass video of Valone presenting on the life of Col. Tom Bearden](#) - full video (others include an Andrija Puharich review, etc.) [available online from www.psychotronics.org](#) - 2021



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