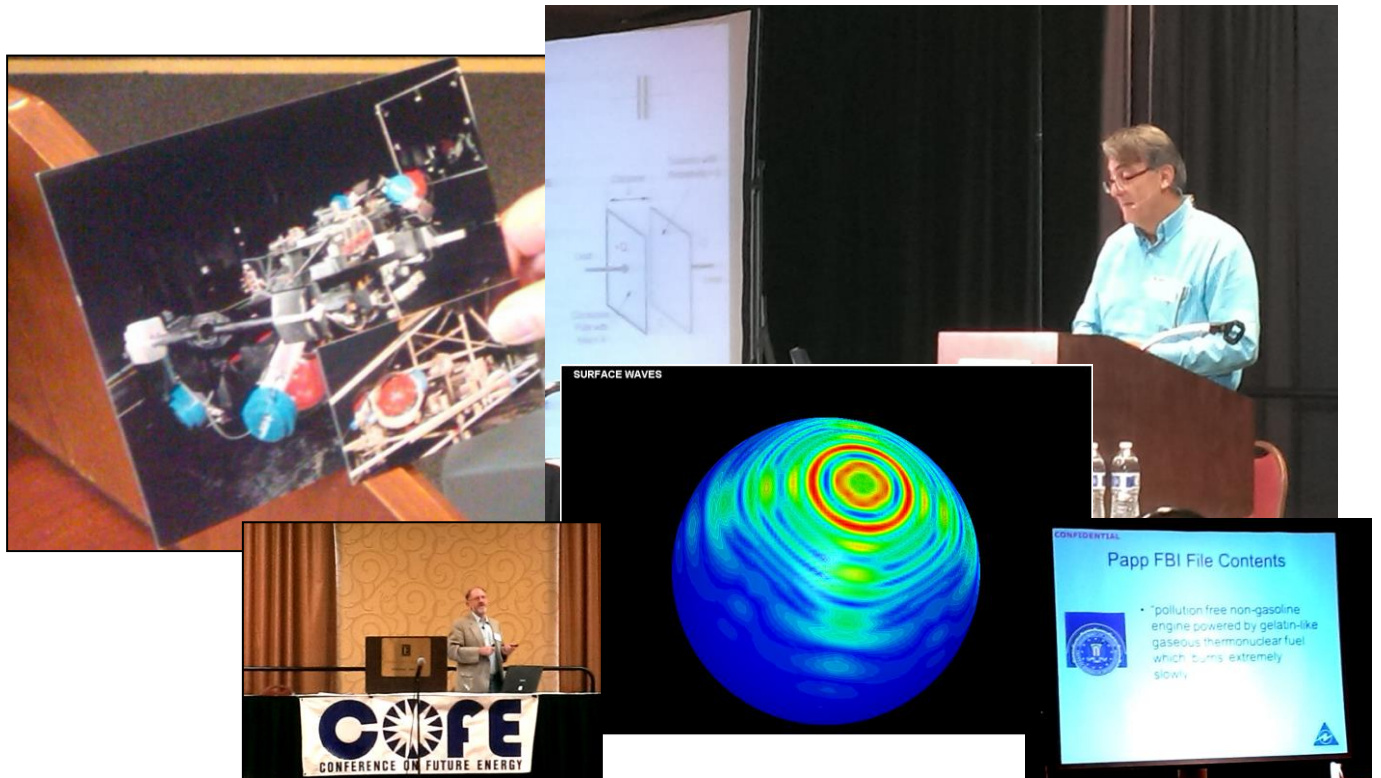




Integrity Research Institute Annual 2015



featuring

IRI Activity Highlights for 2015

IRI Annual Report for 2015

Thomas Valone, PhD, Editor

COVER CLOCKWISE: Left - Mike Gamble's handheld photo of Boeing's Control Moment Gyros (CMG) that was serendipitous for IRI, which with diligent advocacy, resulted in his full disclosure of the reality of an inertial drive force producer; Right – Nick Simos presenting at COFE7 on Tesla's wireless transmission of power (using the “surface waves” label on his globe picture inset), which also was serendipitous since it caused President Valone to fulfill his verbal promise to edit a wireless electricity book, even using Nick's “unplugged” term in the title; Lower right – Image of Ryan Wood's slide at COFE7 on the amazing Josef Papp engine which burns cholrine and noble gasses only; Lower left – Bob DeBiase presenting at COFE7 on the realistic quantum force producer based on the Casimir force, which IRI believes will have a prototype soon as a proof of principle.

CREDITS

**Integrity Research Institute wishes to acknowledge the following for this
IRI Member's Annual Report**

Jacqueline Panting, ND

Mike Gamble

Bob DeBiase

Dr. Nick Simos

Dannel Roberts



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PRESIDENT's LETTER

This past year was very important for IRI since we pioneered an apparently lasting collaboration for our conferences with Steve Elswick at TeslaTech, LLC with COFE7, which was successful in attracting high quality speakers and authors, with DVD creation and Proceedings going into print and online for our IRS-mandated public education service. However, we also encountered a subsequent remarkable endorsement of our advocacy for inertial propulsion which has always remained controversial for decades. For two conferences in a row (COFE6 and COFE7), IRI has sponsored and encouraged the inertial propulsion presentations by Boeing engineer Mike Gamble. Citing his expertise in the Control Moment Gyroscopes (CMG), Mike gained permission in 2015 to present two talks on the "History of Boeing's CMG Research" and the theory of "Linear Propulsion" using the CMGs. Without a lot of fanfare, even though I recognized what a revolution and unusual disclosure this was, we proceeded to make the DVDs available and edit the Proceedings of COFE7 for professional distribution. Then a few months later, I learned that another engineer from an unrelated company has been fighting with a physics professor at Berkeley (even as I have been with Dr. Hal Puthoff) in regards to how inertial propulsion violates the Conservation of Linear Momentum and separately, how inertial propulsion violates the Conservation of Angular Momentum laws. Both PhDs have routinely dismissed the achievements of Boeing which has maintained numerous satellites in orbit for years, including the International Space Station, as being impossible!

Dennis P. Allen, Jr. is publishing his book through a subsidiary of Amazon this year and gives credit to Integrity Research Institute in Appendix 4 for "Boeing's Long History of Using Inertial Propulsion to Reposition Their Satellites into New and Different Orbits". We have been in communication for months and he looks forward to the completion of IRI's Tabletop CMG Project which Mike is willing to work on later in 2016. Then the theoreticians will have to reconcile linear and angular momentum, which are clearly converted with two opposing gyroscopes in the Boeing design of CMGs.

The name of Allen's book is "Why does Newtonian Mechanics Forbid Inertial Propulsion Devices When They Evidently Do Exist?" and will be in print in the summer of 2016. I encourage all of the IRI Members to obtain a copy as a souvenir of my thirty year battle advocating inertial propulsion which is finally seeing the light at the end of the tunnel. We hope to test the possible propulsion rating using my force to power ratio (F/P) to see if such CMGs have other applications in vehicle movement and control. Luckily, Mike has retired from Boeing in 2015 and has been willing to pursue more private endeavors for the public benefit.

Lastly, our IRI Annual Report for 2015 is more lean since the most future energy news has been sent out in our last Member's newsletter and last year's issue had numerous IRI advocacies that have been vindicated. Now we have one more! Please attend COFE8.

Thomas Valone, PhD, PE
President

INTEGRITY RESEARCH INSTITUTE HIGHLIGHTS 2015

Conferences and Appearances



IRI continued to be very busy in 2015. We held our 7th Conference on Future Energy on July 30- Aug 1 at the Embassy Suites In Albuquerque NM. It featured 14 speakers who presented on a wide array of new-energy technologies, emerging renewables, advanced future energy concepts, advanced propulsion concepts and bioelectromagnetics. Above is a picture of Conference Coordinator Valone with Dannel Roberts, an expert on the Papp engine and a speaker at TeslaTech. This COFE7 conference was educational, entertaining and useful to all attendees, which included government, military, academic delegates as well as energy scientists, entrepreneurs and inventors from all over the world.



Dr. Nick Simos Plenary Presentation on Nikola Tesla's Wireless Transmission at COFE7

Integrity Research Institute (IRI) has the tradition of presenting the best and latest energy discoveries whether in the technical, environmental, space and human health areas. These are the hallmark of our conferences and all of us at IRI were very happy to host our The Seventh International Conference on Future Energy (COFE7) which provided the latest developments on Energy, Propulsion and Bioenergetics with superb speakers together who traveled far and wide to attend. Our Venue was the Conference Center at the Embassy Suites Hotel in Albuquerque, New

Mexico. The speakers included an impressive list from many disciplines and areas such as: Boeing Propulsion and Space scientists, Aerospace companies, University professors, and private entrepreneurs. The morning of the first day was opened with a presentation by our Institute's President, Thomas Valone, who welcomed all attendees and gave an overview of all the presentations. He then presented on "Latest Updates on Future Energy Technologies"

COFE7 DVDs now available for sale online at www.futureenergy.org
Specify in comment field, which speakers you want to order.



The following presentation was by Ryan Wood, CEO of Aerospace Com, presenting on the controversial PAPP Engine, a well-researched and thorough presentation. To follow, William Alek gave an excellent presentation entitled: Revealing Antigravity Technology, with amazing pictures and diagrams of the Bell UFO by Germans in 1940s. The afternoon presentations opened with

Mike Weiner, giving an amazing presentation on his career bringing various electrotherapy devices to the market.

Stephen Weingandt presented on a groundbreaking technology that helps with car mileage and water irrigation. The irrigation portion of the presentation was mindboggling since the rods that Weingandt has planted in the ground all over the world are in drought-ridden areas that become more green and productive, even though no extra water has fallen in the form of rain nor in the form of increased irrigation. The Weingandt rods seem to attract moisture underground or make the roots of plants more receptive to the existing soil moisture. To close the day, Moray King gave an unusual and well-illustrated presentation of ThunderClouds and Zero Point Energy which caused everyone to appreciate the connection between them.

The next day, the first presentation was by Dr Robert DeBiase on " **Asymmetric Force from Casimir Plate Experiment**", presenting groundbreaking findings on this intriguing effect which is predicted to create propulsion at the microscopic scale just because the Casimir plates are tilted away from each other and not parallel. In the Conference Coordinator's opinion, **this literally**

could be a Nobel Prize winning finding once it is confirmed in the lab. IRI is now committed to finding a grad student or professor willing to take on this simple experiment. Following on Casimir forces, Carlos Henriques from Portugal presented his Master's degree Thesis Project on Casimir Forces and ZPF, which was inspired by suggestions from Dr. Valone.

Then two entrepreneurs, Marc Cuthbert and Rolland Gregg presented on the Reid Crystal Cell Vacuum energy Electron Pump of Marcus Reid. The afternoon opened with Dr. Thorsten Ludwig, from Germany presenting his latest findings on the "Single Atom Intention Experiment."

Then, our Executive Director, Jacqueline Panting presented her bioelectronic energy talk on "The Importance of NanoSecond Pulsed Electric and Electromagnetic Fields", showing how the nano second rising is needed for activating many cells processes, including the 911 repair protein HSP70 to heal and resolve inflammation at the cellular and tissue levels. A historical review of Electrotherapy devices was also given, as well as many scientific papers proving the efficacy of the PEFs and PEMFs fields, specifically in the nanosecond range.



Dr. Panting presenting her lecture.



Dr. Valone and Engineer, Mike Gamble

Closing our event was the amazing presentation by Mike Gamble, of **first public disclosure of Gyros and Inertial Propulsion by BOEING, in all their Space Satellites**. IRI has been advocating the use of gyros and inertial propulsion for the past 2 decades and it was rewarding to see that they are usable for propulsion, especially in the vacuum. Mr Gamble who has worked for BOEING for over thirty years, gave an historical presentation and a scientific review of the gyros, presenting pictures never before seen by the public, many going back to 1960s and 1970s. All in the crowd were astounded at his revelations. He

gave a second presentation as a Joint Plenary on Saturday, disclosing even more information on space propulsion and the workings of the dual gyroscopes that BOEING is now permitting Gamble to talk about, which even keep the International Space Station aloft!

All who attended COFE7 carried back with them the latest and most invaluable information on Energy, Propulsion and Bioenergetics. IF you would like to order the any of the presentations, please order them on our website www.futureenergy.org .

The presentation by Dr. Nick Simos from Brookhaven National Labs (BNL) was only approved for him to attend COFE7 and present about a month before the conference, even though Nick applied months beforehand. It is gratifying that BNL did visit the IRI lab and find the conference to their liking. The presentation on Tesla's Wireless Transmission of Electricity was very well organized and included classical physics calculations showing how feasible the earth-ionosphere cavity resonance actually is. One of the surprises was a theoretical confirmation of the 11 Hz resonant mode that Tesla measured and had not been explained before Simos did the calculation. The usual Schumann resonance is often cited to be 8 Hz instead but not for the longitudinal waves that the mushroom antenna of the Wardencliff Tower produces!



First picture shows Dr. Valone discussing the Papp engine with Dannel Roberts who worked with Josef Papp.



The next picture shows our IRI booth and that of Elixia Inc. distributors of many health devices, including our EM Pulser and the OsteoPad. Also far right is a picture of one of our presenters, Dr. Thorsten Ludwig,



with a COFE attendee. The last picture showing some of the exhibit area at COFE7. Below is the entire list of COFE7 speakers:

1. Thomas Valone PhD – Future Energy Technology Developments
2. Ryan Wood - Detailed Analysis of Papp Engine
3. William Alek - Revealing AntiGravity Technology
4. Mike Weiner - My Career as Electrodevice Entrepreneur
5. Steven Weigandt MS - New Solutions for Car Mileage, Irrigation & More
6. Moray King - ThunderClouds & Zero Point Energy
7. Robert DeBiase - Asymmetric Force from Casimir Plate Experiment
8. Carlos Henriques - Master's Degree Project: Casimir Forces and Zero Point Energy
9. Marcus Reid - Reid Crystal Cell Vacuum Energy Electron Pump (presented by Marc Cuthbert & Rolland Gregg)
10. Dr. Thorsten Ludwig - Single Atom Intention Experiment
11. Jacqueline Panting - The Importance of Nanosecond Electric and Electromagnetic Fields
12. Mike Gamble - History of Boeing's Control Moment Gyroscope
13. Thomas Valone PhD - V-Track Spiral Magnet Motor Dev (Joint Session with Tesla Tech Conf)
14. Nikolaos Simos, PhD - Classical Tesla Wireless Energy (Joint Session)
15. Mike Gamble - State of Art Inertial Propulsion (Joint Session)

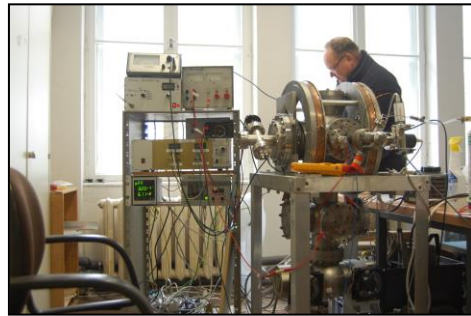
Then in October 14, Dr Valone presented at the Annual **World Engineering and Energy Conference (WEEC)** in Orlando, Florida. His presentation featured our latest findings on Emerging Energy Technology. In November, Dr Valone appeared on the **21st Century Radio Show** and discussed PEMF healing devices .

Future Energy News Program



Research of new emerging technologies; public appearances, free newsletters, brochures, and reports that include the latest news on energy developments, discoveries and research given to the public. We are delighted in our re-designed *“Future Energy eNews” template that is now mobile friendly!*. Future Energy eNews is sent via email, monthly, to over 8000 recipients worldwide, free of charge through Constant Contact email service. This electronic newsletter showcases all the latest emerging eco-friendly technologies that are being developed worldwide and published in Journals, Magazines and Newspapers. Also we published the Quarterly *“Future Energy Quarterly Magazine”*, and mailed it to all members for free. This magazine contains all the latest papers and articles relating to emerging energy technologies. Also we continue to upgrade our IRI website including more information on emerging energy technologies, climate change, and video uploads and press releases.

The Single Electron Spin in a Magnetic Field Experiment Program. This program that we are doing together with Veden Academie, a charitable research institute like IRI, in Kränzlin, Germany continues to research and capture data. The experiment aims to study single quantum events with a single electron spin under different influences and is suitable to discover new interactions with energy fields. In order to make experiments with a single electron spin, a Magnesium-Ion will be stored



in a linear Paul Trap. The Ion-Trap has been machined and set up in Kolberg, Germany. An ultra high vacuum chamber was purchased in December as well as a 280 nm Laser beam with a line width of 1-3 MHz will be used to study the energy state of the electron spin via fluorescence. A UV-camera is taking pictures of the stored ions in the energetic higher spin state. When an external influences

changes the spin state of the electron the ion will disappear on the picture and will be seen again when the state is flipped back to the higher state. We hope to have a paper published on this experiment in the next 2-3 years.

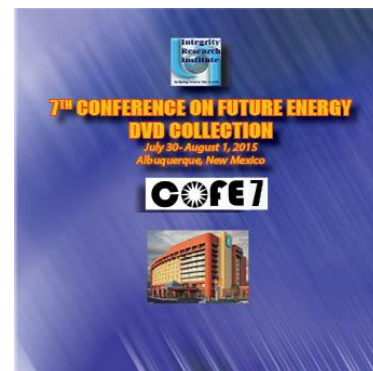
Bioenergetics Program. We are truly busy with this program that includes research on equipment, therapy machines and providers of electrotherapy. The Microcurrent Electrotherapy Antioxidant clothes project is moving forward with different prototypes and possible licensing clients. We hold a US Patent on it and expect to start selling or arranging a license for it in the next year or so. We now have the newly



designed device EM-PULSER with a new battery compartment, easier to use and AC plug adapter. The preserving of the invaluable, Puharich Laboratory Notes by Dr. Andrija Puharich will continue through 2017. The OsteoPad and OsteoPad Deluxe are selling well and have a new circuit design which has a stronger signal that has given greater health benefits. Our line of **PREMIER** electrotherapy devices continue to be

improved and sold.

IRI Publications: 1) "Future Energy Annual 2014" was also published and mailed free to our membership. Includes our latest papers on Energy, including Zero Point Energy, Electrogravitics, Energy generation, Bioelectromagnetics, as well as the IRI Annual Report for 2014 and financials. 2) Speaking of your Injury" DVD which features Dr Glen Gordon is now being published by us. It features an hour length discussion on nanosecond PEMF healing. Also, the Complete COFE7 Conference DVDs are now available for sale and include all 14 speakers plus speakers from the joint Sessions with Tesla Tech Conference. The Proceedings of COFE7 are also being edited for online publication and FREE download for the public access to all of the great discoveries from that conference on future energy.

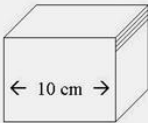


Preview of news item for 2016: Nick Simos' presentation at COFE7 on Tesla's wireless provoked President Valone to fulfill his promise to edit such a book for publisher Adventures Unlimited Press, which is now in print! Visit Amazon.com to get the 457 page book, *Nikola Tesla's Electricity Unplugged* or order online from Integrity Research Institute.

Zero Point Energy Program. The research continues on the possibility of tapping zero

DEAC Power Cell with THz Limit

Assume a 10 cm^3 (10 cc) box for convenience and 1 pW/diode



Nano-sized diodes = 10^{11} per cm^2

assuming 2 mm per layer with 1 mm substrate, yields 5000 diode layers =

500 trillion diodes \times 1 pW = 500 W

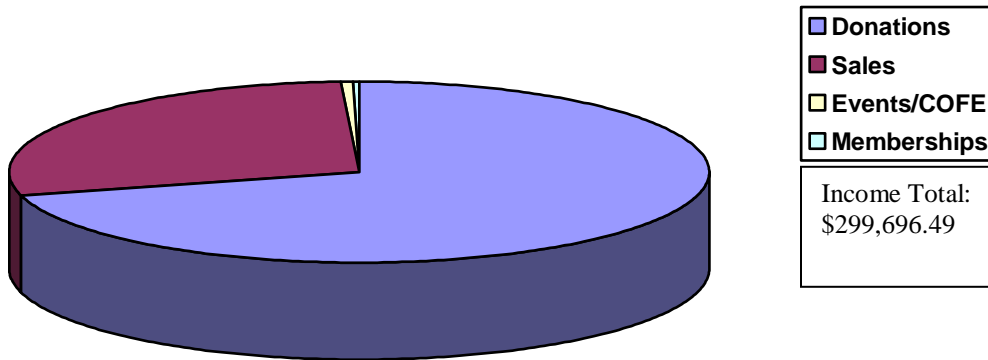
This conservative estimate, **assuming only a 1% efficiency** for total energy conversion, still reaches the kW/m³ range of production, 24/7 from ambient thermal and non-thermal energy combined. This calculation also ignores the 1/f and the f range of noise that exceeds 10 nV and 10 fA per root hertz.

point energy through zero biased diodes. In our lab, we are currently researching this ability and many journal papers are being prepared for submission to several physics journals including one for the Institute of Physics Journal which will propose the use of zero biased diodes arrays as thermal electric noise rectifiers and non-thermal energy harvesters. We are currently working with several students who are designing ways to harvest energy with zero biased diodes. Much research is still being done and

our hope is that a paper for publication in the Energy Harvesting Journal will be ready and accepted in the next 2 years. One of the most exciting areas of zero point energy harvesting is with the Spiral Magnetic Motor Project. IRI is advocating a journal article to update the physics of the quantum vacuum to lay a firm foundation for the access to angular momentum of the vacuum in the sustaining magnetic field of permanent magnets since it is created from spinning electrons that are accessing zero point energy. Secondly, IRI is negotiating a collaborative development program with a well known custom magnet company to design the optimum magnets for the Permanent Magnet Spiral Magnetic Motor. With such a two-prong approach, the completion of a self-sustained permanent magnet motor will be feasible in this decade.

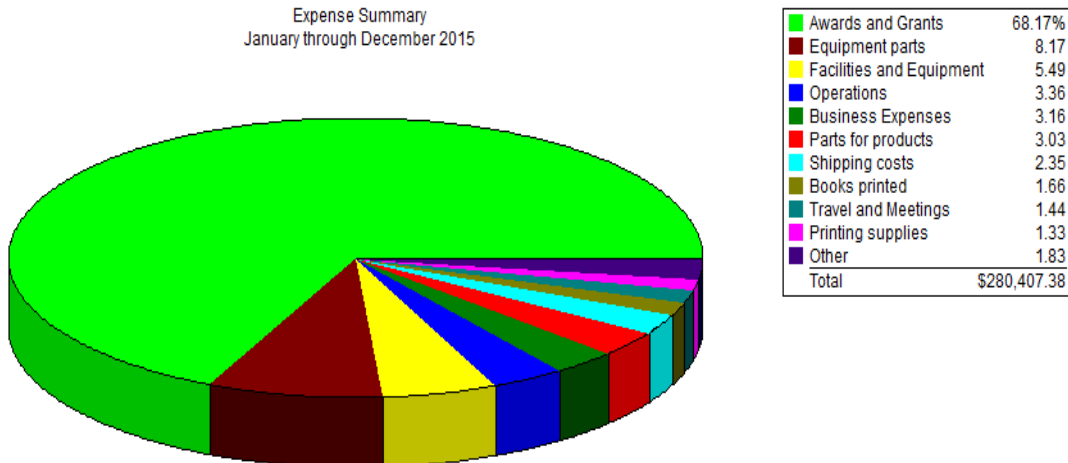
IRI FINANCIAL REPORT 2015

INCOME



EXPENSES

Expense Summary
January through December 2015



ASSETS

TOTAL ASSETS

33,174.07

LIABILITIES & EQUITY

Total Liabilities

-10,018.65

Equity

43,192.72

TOTAL LIABILITIES & EQUITY

33,174.07

BALANCE SHEET AS OF 12-31-2015