

Natural Philosophy Alliance

Newsletter

Volume 13, Number 1

March, 2007

Seeking improvements together

NPA's 14th annual conference

At UConn-Storrs May 21-25, 2007

by Neil Munch

Our 14th Annual Conference is fast approaching. Will you be with us as we seek, describe, review and select some of our best concepts for future discussions with the establishment? It's not been an easy path for the many groups like ours around the world to reach this point in that search. Many excellent ideas have been presented and refined in NPA and elsewhere in other dissention groups. And now, finally, we can see the 'winds of change' begin to blow. Problems with past concepts have been easy for us (and probably the establishment) to see. Light speeds are routinely slowed to zero (in Bose-Einstein condensates) or "squirted" out of instruments at seemingly superluminal speeds -- yet they doggedly cling to the flawed constant concepts of Special Relativity Theory (SRT) and the imagined Big Bang concepts which transcend any possible validation.

But coalescing on corrections is not simple. And time is not on our side as we watch one after another of our talented scientific leaders in the dissention ranks pass on to the next world (see In Memoriam on page 7).

The time for us to act is now. We need your help and ideas to reach our goals before they too slip away from us and science sinks into even more incredibly flawed concepts.

BASIC INFORMATION about attendance at the 14th annual Natural Philosophy Alliance (NPA) meeting is given later. More details are contained in other parts of this Newsletter.

Location: The 14th NPA conference will begin on Monday, 21 May 2007 in rooms 117 & 119 in the Math Sciences Building on the University of Connecticut campus, shown in the sketch on p.7 of this newsletter, and on a full campus map you'll receive when you check-in.

Registration: Pre-register on-line as soon as possible at www.conferences.uconn.edu/npa or complete the Registration Form on p. 3 of NPA

Newsletter 12-3 and mail to UConn Conference Services, 2110 Hillside Road, Storrs, CT 06269-3013. On-site registration will begin at the South Campus dorms, as discussed on page 7 of this newsletter.

Submission of Papers: Submit abstract(s) as soon as possible to Cynthia Whitney at galilean_electrodynamics@comcast.net. Electronic submission is preferable, but the abstract may be mailed to Dr. Cynthia K. Whitney, Editor, Galilean Electrodynamics, 141 Rhinecliff St., Arlington, MA 02476-7331. More than one abstract may be submitted. Please note whether the paper is to be presented in person at the meeting or *in absentia*. In either case the author(s) should register. Each abstract should contain Title, Author(s), Mailing Address, Phone Number, Email address, and approximately 300 words of text.

Housing: Contact Charity Miller as soon as possible at charity.miller@uconn.edu or write UConn Conference Services, 2110 Hillside Road, Unit 3013, Storrs, CT 06269-3013. Call 860-486-9048 or FAX 860-486-9054. Those staying in Residence Halls may check in on arrival at South Campus (see the campus map sketch on page 7).

Theme: The basic theme of the 14th Nap conference is seeking improvements together through examining postulates behind natural philosophy. The objective is to initiate a dialog on the issues now surfacing in physics and cosmology. Session topics at prior meetings have been: special relativity, general relativity, big bang, light, ether/aether, cosmology, particle structure, forces, geophysics, and physics of the mind. Hopefully, we've made it as easy as possible for you to join us by setting up an environment at an established university where your ideas can be openly expressed and discussed among your scientific peers without the constraints the established scientists face daily.

All authors, whether attending in person or *in absentia*, are requested to pre-register if they wish their papers to be considered for inclusion in the conference program, abstract booklets, audience feedback, and the printed proceedings of this conference which will be prepared after the conference. You do not need to be a member of NPA to participate in this conference. Nor do you need to present a paper to attend and participate in

(Continued on page 8)

Who's Participating in this Conference?:

By Bob Heaston

About 50 abstracts have already been submitted for the 14th Annual meeting of the *Natural Philosophy Alliance* meeting in May at the University of Connecticut. Thirteen of these abstracts are from individuals who have registered but will not be attending and yet their papers will be circulated, discussed and published in the proceedings. These authors are participating *in absentia* and represent inputs from England, Germany, Greece, India, Malaysia, New Zealand, Poland, Romania, Russia, and Sweden.

Another 37 abstracts have been received from ten different states, the District of Columbia, the West Indies, Russia, Germany and the country of Columbia that will be presented at the meeting. There is room for more presenters and for more *in absentia* papers.

The John Chappell Memorial Keynote Address will be delivered by **Peter Marquardt** who has been researching in Germany with **George Galeczki** on the ways that distinguishing between dynamics and kinematics helps identify and avoid common errors in modern physics.

The officers of NPA will present a series of papers on different interesting themes. **Domina Eberle Spencer** will be involved in three talks on the role of holons in natural philosophy and the analysis of a spinning charge (with **Uma Shama**). **Cynthia Whitney** will present a couple of papers on the visual images that atoms and galaxies present. **Neil Munch**, a long-time critic of prior results based upon poor assumption controls, will describe some modern solutions derivable from Galileo's 400 year-old observations when better assumption controls are used. **Francisco Müller** will give an "historical tour" of the causality principle and discuss the action-at-a-distance problem relative to electric motors. An historical approach will also be taken by **Robert Heaston** who will describe the derivation of the Einstein field equations of general relativity using Einstein's own words. This reconstruction shows that valid alternatives were overlooked or ignored which could completely change interpretation of the general theory.

Other early authors, and the titles of their papers (if known), who will participate "in person" are:;

Pal Asija. "Minor Corrections to Natural Philosophy and Physics of Aristotle, Galileo, Sir Isaac Newton and Einstein." His second paper will be: "There is But One Reality Dealing with the Whole Being, Implying a Theory of Everything."

Don Bridell. "Field Structure Theory, Part 1: The Particle Hierarchy Chart (PHC)." His second paper will be: "Field Structure Theory, Part 2: Skew Geometry."

Dan Brasoveanu. "Internal Energy and the Dynamics of Quantum Particles—Part I: Theory." His second paper will be: "Internal Energy and the Dynamics of Quantum Particles—Part II: Experiments."

Peter F. Erickson. "The Spatial Infinitesimal." His second paper will be: "The Hidden Opportunities in the Derivative."

Stephen J. G. Gift. "Light Speed Invariance is a Remarkable Illusion."

Jaroslav G. Klyushin. "Gravidynamic Force."

William R. Koepke. "An Anisotropic Frame-Effect Explanation for the Anomalous Pioneer Acceleration with Cosmological and Binary Pulsar Considerations from a Gauge Variant Theory of Gravity."

Carl R. Littman. "Cold Helium, a Microcosm of the World." His second paper is "The Importance of Clear Concepts and Definitions."

Henry and Erika Monteith. "Soulmate Cosmological Action: From Musical Harmonized Unified Knowledge to the Bliss of Cosmic Consciousness."; and **Erika Monteith**. "Living in the Bliss of Cosmic Music."

Roger Munday, "The Vacuum and Gravitation

Héctor A. Múnera, et al., "Observation of Highly Significant Correlations between Earth Motion and Fringe-Shifts in a Stationary Michelson-Morley Experiment During the Period 2003-2005."

Roger A. Rydin. "A Case Against Tired Light and the Big Bang."

Charles Sven. "Big Bang Fuel Discovered and Demonstrated." His second paper is: "CMB Anomaly Pinpoints Big Bang Epicenter."

Aleksandr Tsybin. "Gravity from Neutrino Flux."

John R. Warfield. "A Reinterpretation of the Michelson-Morley Experiment."

Charles Weber. "The Cause of the Characteristics of Quasars (QSO's).

Early "in absentia" authors include **Robert Beck**, **Vladislav Cherepennikov**, **Phillip Kanarev**, **Robert A. Kerr**. "Compression versus Attraction."

Also, **Boon Leong Lan**, **Janusz Laski**, **Martin Mueller**, **A.A. Nassikas**, **John-Erik Persson**, **Dan Romalo**, **S.S. Savarkar**, and **Joseph Smulsky**.

Also planning to attend are: **David**, **Patricia** and **Robert deHilster** who will continue their efforts to gather interesting information in this field via video recordings, photographs and publications to better reach the scientific population round the world. through mass communications. Some of you may already have seen some of their earlier production materials, which have been collected at a prior NPA conference and other scientific meetings questioning Einstein's Relativity and other flawed areas in Modern Physics. and Cosmology.

Others attending (but have not yet submitted abstracts) are: **Glen Borchardt**, **Glen Deen**. **Mitch Emery**. **Geof Hunter** and **Hartwig Thim**.

Others who may attend are **Robero Monti**, **Curtis Renshaw**, **Don Hotson**, **Hal Fox** and **Mahmoud Melehy**.

Why continue the NPA tpe of conferences rather than have discussions on Internet?

by Neil Munch

A good series of discussions amongst our internet User Group recently occurred at NPA_dissidents@yahoo.com on ways to improve our conferences (an always welcome topic to NPA's leaders). Some had good suggestions, such as for speakers providing a larger proportion of available time for discussion of their paper. Other suggestions will be considered in planning future conferences. Several people raised the perennial question, "Why not have those discussions on Internet rather than take the time to attend and pay the travel and other expenses of conferences?"

Eight reasons why we need to continue our conferences at least annually in the current venues until we have made some impact on the sad state of 'modern' theoretical physics and cosmology are:

1. Conferences have the value of face-to-face interchanges of information in a friendly, considerate environment -- as opposed to the Internet where many of the uncontrolled discussions seem to become adversarial.
2. Oral presentation provides the environment to solicit answers and relevant new references for our concepts immediately -- instead of prolonged Q & A.
3. Presentation before a meeting is a forcing function [for us procrastinators] to prepare our paper and abstract in detail. (You don't want to be embarrassed before your peers).
4. Conferences in Universities or joint AAAS meetings increase the exposure amongst faculty and students about our concerns and concepts. With Internet, there is too much uncertainty about who is on the other end of the line.
5. Discussions (even short ones) in the hallways, housing rooms and at meals can convey volumes of information in a few sentences. Small groups form automatically among those interested in specific topics -- and your time is automatically spent more efficiently.
6. The breadth of topics at our conferences offers a crosstalk that sometimes provides unexpected benefits in analogous situations.
7. Our 'audience feedback' evaluations are of inestimable value to authors to help them know whether they are on the right track or not.
8. Printed Proceedings provide much greater exposure of your concepts and papers. [It's amazing the number of times each week I turn to the printed Proceedings book]. It's a citable reference for use in future papers. Also, proceedings establish your claim to a specific concept -- if you are the first to advance that concept -- rather than someone who proposes the same concept at a later date.

In my limited experience, advancements in understanding are better achieved by working together physically than in the high-band-width, low-agreement, low-archival Internet discussions.

Formats for NPA conference abstracts and papers submitted to Cynthia Whitney:

In Cynthia's words, "*[I have] a small office with a big workload. Everything [submitted] has to be electronic. We can deal with hard copy only on an extraordinary special-case basis.*"

So, if possible, all submitted abstracts and papers for NPA conferences and conference proceedings should be provided in computer-readable form-- preferably as an attachment to email. Once received, Cynthia does a great job of reformatting it into desired fonts, style to fit within the available space and page layouts. That's what makes for professional publications.

Formats and Style: The simplest way to understand our format requirements is to look at one or more papers in NPA's 2004 or 2005 Proceedings books. This explains the overall arrangement and appearance of papers better than a lot of words. Also, the appearance and notation for equations, figures and tables, methods of citing references and end notes.

Equations: As part of editing rules, all equations are requested to be done by a computer equation editor no matter where those equations appear in the text, and no matter how small or simple the equation is. Even first order equations with 2 or 3 terms, in her words,

"if you ever type an equal sign, or a multiply sign, or a Greek letter, or whatever, and don't use an equation editor, forget it...it will disappear."

Submitted Formats: Figures should be in black and white, since we publish in black and white. A beautiful color figure may look like mud in black and white. For transmitted papers, we prefer submittals via email of files attached to the email or in compressed files for easier transmission. Cynthia works primarily with a MAC computer which can readily handle files from other MAC or PC computers. If possible, she likes to receive both a *.doc and a *.pdf copy of the same paper to permit checking for errors in transmissions.

Review of Your Paper after Editing: Cynthia will return a typeset draft of your paper to you for your review to check reliability of editing changes. You can suggest whatever changes you like or add side-notes to the *.doc copy you return to her. Those changes and notes will not make any problem for Cynthia because she works from her master document rather than adopt your returned file with her editing changes. That protects against system incompatibilities and computer crashes.

Color Coding: For ease in tracking suggested changes, it will help if you change the color of any text to be deleted to **red** and the color of text to **blue** that is to be moved to a new location.

(This page can be copied and posted at your University or work place if you so choose.)

Announcement and Call for Papers
For the 14th Annual Conference of the Natural Philosophy
Alliance (NPA) at the
Mathematical Sciences Dept. of the Univ. of Connecticut
at Storrs
Examining Postulates Behind Natural Philosophy
21 - 25 May 2007

ALL SCIENTISTS interested in discussing and advancing beyond the original fundamentals of "Natural Philosophy" are invited to join in this week-long conference in either of two ways:

- a) full participation by those scientists who physically attend the UConn meetings; or
- b) limited in-absentia participation by scientists communicating by email or surface mail.

All authors (whether 'full' or 'in absentia') wishing to present papers must register for that paper at www.conferences.uconn.edu/npa That website has more information about housing, meals, local transportation, etc. Your registration provides for your inclusion in the conference program, abstract booklets, audience feedback, and the final printed proceedings prepared after the conference, should you so choose. Each author (whether presenting a paper in person or in absentia) should also submit a title and abstract (which is no more than 300 words) by email or surface mail to:

Cynthia Whitney, Ed. *Galilean Electrodynamics*
141 Rhinecliff St., Arlington, MA 02476-7331, U.S.A.
Email: galilean_electrodynamics@comcast.net

These abstracts should arrive no later than May 15, 2005. Please include your email and mail address and phone number. Cynthia and Domina Eberle Spencer will prepare the conference program and abstract booklets.

Participants (whether physically at UConn-Storrs or at home) who are not presenting a paper are also welcome to join in discussions and audience feedback; they will receive a copy of all conference materials if they register.

Copy of text on NPA's Conference Web Pages For those without access to Internet

(Home Page)

The 14th Annual Conference of the NPA *Examining Postulates Behind Natural Philosophy*

The Natural Philosophy Alliance (NPA) is devoted mainly to broad-ranging, fully open-minded criticism, at the most fundamental level of the often irrational and unrealistic doctrines of modern physics and cosmology; and to the ultimate replacement of these doctrines by much sounder ideas developed with full respect for evidence, logic, and objectivity. Such reforms have long been urgently needed; and yet there is no area of scholarship more stubbornly censorial, and more reluctant to reform itself.

ALL SCIENTISTS interested in discussing and advancing beyond the original fundamentals of "Natural Philosophy" are invited to join in this week-long conference in either of two ways:

Full participation by those scientists who physically attend the meetings on the UConn Storrs Campus; or
Limited in-absentia participation by scientists communicating by email or surface mail.

All participants (whether 'full' or 'in absentia') wishing to present papers must register for that paper to be considered for inclusion in the conference program, abstract booklets, audience feedback, and the final printed proceedings prepared after the conference. Each author (whether presenting a paper in person or in absentia) must submit a title and abstract of no more than 300 words. For more information on abstracts and papers, please visit the [Call for Papers](#) section of this site.

Please register early to reserve your space

[CLICK on this line in the website FOR A PARTIAL LIST OF ABSTRACTS SUBMITTED AS OF MARCH 12.](#)

The University of Connecticut is located in a rural setting midway between the major metropolitan areas of Boston and New York City. Meeting participants will enjoy the peaceful beauty of this rolling-hills campus setting with all the advantages of New England's top ranked public university.

(Call for Papers Page)

Presenters are welcome to select any topic which meets our conference goals as long as those papers fit in our established guidelines of being technically well researched and presented. But when it comes to audience feedback, there are additional features this year. Instead of looking for the new but undeveloped concepts which might answer existing problems (as in the past), it is hoped that at least some of the papers in 2007 will focus on identifying "*concepts [whether new or old] which are the most ready to be discussed with others in the scientific community.*" For those papers whose authors agree to receive audience feedback, we are asking all participating members and associates to provide that in two areas: presentation and suitability.

- **Presentation:** The listener's or reader's perception as to whether the subject content of a paper is well presented or not -- on a scale of 1 to 5, where 1 is poor, 3 is "no opinion" and 5 is excellent.
- **Suitability:** The listener's or reader's perception of the degree to which the subject matter is ready for discussion with others in the scientific community by indicating which 4 or 5 of all the papers best meet this criterion.

Abstracts should be not more than 300 words. Please make sure the document has the title of the paper / talk, contributing authors and their affiliations, the email address for the presenting author, and whether the paper is being presented in person or in-absentia. If you prefer not to solicit audience feedback for your paper, please indicate this in your file as well.

Please submit your abstract as an email attachment in Word format (.doc) to Cynthia Whitney at the following address:

galilean_electrodynamics@comcast.net

Remember that submitting an abstract does not constitute registration; you must also register using the [registration form](#) on this site.

(Conference Program Page)

[CLICK on this line in the website FOR A PARTIAL LIST OF ABSTRACTS SUBMITTED AS OF \(new date each week\)](#)

As conference details are coordinated, this page will be updated with a more complete agenda outlining daily activities. The following information is presented in the meantime to give a general overview of the schedule.

Meetings will run daily during the conference from 9:00am - 5:00pm in the Math Sciences Building. Depending on the number of talks to be scheduled, presentations on Monday may begin after lunch. Each speaker will have up to 30 minutes to present his or her topic and answer questions. In addition to paper presentations, there will be invited guest speakers during the week.

The presentation format, aids and equipment will be similar to previous years. Commonly, presentation charts have been projected overhead from transparencies. If special equipment such as projectors for slides, video or Powerpoint are desired, let us know in advance.

The conference registration fee includes a continental breakfast each morning as well as refreshment breaks. Lunch and Dinner will be "on your own" using one of the local restaurants or dining halls available on campus.

Evenings after dinner will be available for continued discussion of that day's live presentations, as well as review of email and mail correspondence from the in-absentia registrants.

Social activities may be planned for one or more evenings. More information about these activities will be posted as arrangements are made.

(Location and Travel page)

Location

The University of Connecticut Storrs Campus is located in the northeast corner of Connecticut, off of Interstate 84. The University is within driving distance of several major cities: Hartford (27 mi), Providence, RI (54 mi), New Haven (62 mi), Boston (84 mi), and New York City (140 mi).

For guests that will be flying in, the recommended airport is Bradley International Airport, which is approximately 40 minutes from campus. Taxi service is available from the airport for approximately \$64.

On-site registration will be conducted each morning at the Math Sciences Building outside the Math Learning Center, which is on the second level of that building

Closest Airports

[Bradley International \(BDL\) in Windsor Locks, Connecticut \(35 miles\)](#)

[T.F. Green \(PVD\) in Providence, Rhode Island \(55 miles\)](#)

[Tweed/New Haven Airport \(HVN\) in New Haven, Connecticut \(65 miles\)](#)

[LaGuardia Airport \(LGA\) in Flushing, New York \(130 miles\)](#)

[John F. Kennedy International Airport \(JFK\) in Jamaica, New York \(140 miles\)](#)

Ground Transportation

Train and Bus service is available to downtown Hartford at [Union Station](#), just 30 minutes from campus. Following are the transportation service providers available at Union Station: [Amtrak](#), [Bonanza / Peter Pan Bus](#), [Connecticut Limo](#), [CTTransit](#), and [Greyhound](#)

If you are arriving into one of the New York or New Jersey airports, you can arrange a shuttle to Hartford using [Connecticut Limo](#). [From Union Station in Hartford there is taxi service available to Storrs and Bonanza Bus also goes to campus twice daily.](#)

Driving? See map in NPA newsletter 12-3.

Parking on Campus

Parking permits are required for all vehicles on campus.

If you are staying in the Nathan Hale Inn, there is a gated parking lot adjacent to the hotel that is available at the rate of \$6.50 per day. Inform the hotel front desk when you check in and they will provide you with a permit and add the parking fee to your room bill.

If you are staying in the residence hall, there is a parking lot near the residence hall that is available for \$3.00 per day. To use this lot, you must purchase a permit when you check in to the residence hall on-site registration area.

If you will be staying off-campus and drive in each day for the meeting, you can park in the North Parking Garage which is close to the Math Building where the meetings will be held.

Lodging and Meals Page

There are two on-campus lodging options both located walking distance to the meeting facilities.

Nathan Hale Inn & Conference Center - UConn's full service on-campus hotel

A group of rooms have been reserved for the conference for the evenings of May 20 - 24 at the Nathan Hale Inn & Conference Center, which is located right on campus. Guests of the conference may reserve rooms within this block at the discounted rate of **\$109.00 (plus tax) per room** per night for single or double occupancy. An additional \$6.50 per day will be added for guests with cars for use of the gated hotel parking lot.

To reserve a room, contact the hotel front desk at (860) 427-7888 and notify the reservation clerk that you will participate in the NPA Conference. Space in the hotel is limited, so register as early as possible to guarantee your room. Payment for lodging should be made directly to the hotel and is not part of the conference registration process. The hotel requires a minimum of 24 hours advance notice to cancel a reservation to avoid a penalty fee of one night's room rate.

University Residence Hall - South Campus

As a cost-savings alternative, we have also reserved a block of rooms at the South Campus Residence Hall, which is adjacent to the hotel. The residence hall is setup "suite-style" with two bedrooms, a common living room and bathroom that is shared by all suite occupants. Each bedroom has two single beds for a total occupancy of four people per suite. These air-conditioned rooms come with linens, telephones, and Internet service, but do not have any of the traditional amenities you will find in the hotel (such as maid service, alarm clocks, hair dryers, irons, coffee makers, etc.) Calling cards must be used to dial long-distance

The rate for the University Residence Hall is **\$64.00 per person** per night for single occupancy (private bedroom, shared bathroom) or **\$47.00 per person** per night for double occupancy (shared bedroom, shared bathroom). If you select the double occupancy option, please indicate a roommate on the registration form, otherwise one will be selected for you. Guests that wish to stay in the residence hall will register for this option and pay along with other fees as part of the conference registration process.

Meals

The conference registration fee includes a continental breakfast each morning as well as refreshment breaks. Lunch and Dinner will be "on your own" using one of the local restaurants or dining halls available on campus.

Pre-Registration

If you do not have access to internet:

You can complete the registration form in NPA Newsletter 12 -3, and mail that to

UConn Conference Services, 2110 Hillside Ave., Unit 3013

Storrs, CT 06269-3013

Include your registration fee in US dollars with that form.

If you wish to participate either "in person" or "in absentia" and want to present a paper at this conference send a copy of your title and abstract to Cynthia Whitney via email to galilean_electrodynamics@comcast.net, plus our full name and address. If you register, you will receive a copy of the conference Program and Abstracts booklets, plus a package of materials format the UConn Conference Services (UCS).

On arrival at the UConn-Storrs campus:

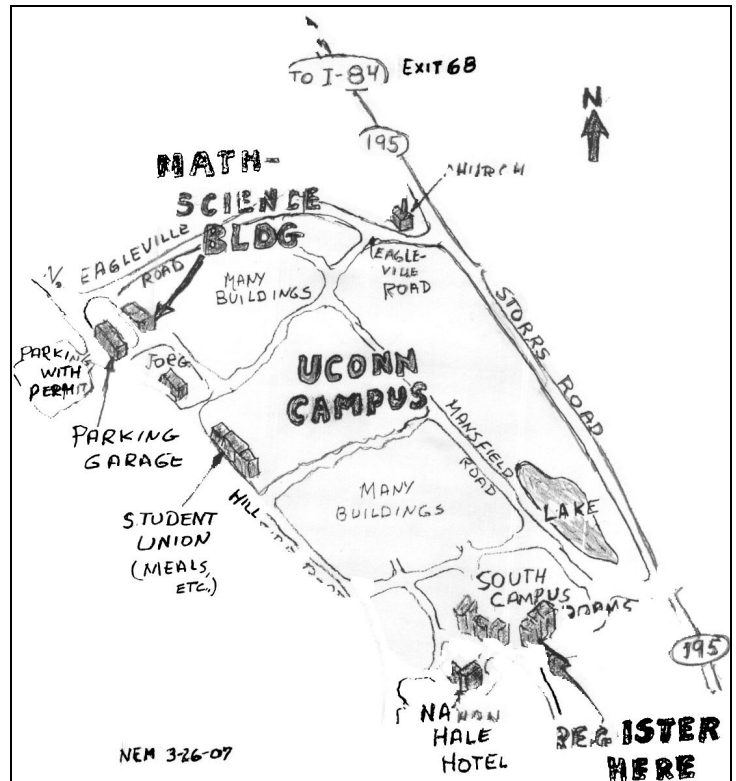
If you arrive in sufficient time, please check in and register at the South Campus residence halls, regardless of where you will be staying on campus. There is a rough map sketch on this page and there will be a few signs directing you to the check-in place. You will be given a packet of information at the check-in area which includes a much-better large detailed map of the campus plus a lot of other information of interest. If you are staying at the residence halls, you can also get your room assignment and room keys at the South dorms. If you have already paid your conference registration fees, you do not need to pay for your room until you check out. PLEASE BE CAREFUL AND DO NOT LOSE YOUR ROOM KEY. We must turn in room keys when we return home, or UConn has the large expense of changing many room keys for that dorm and NPA will be charged for those costs.

If you are staying at the Nathan Hale hotel, that is nearby and you can either drive or walk over and check-in there, receive your room keys, etc. there.

In any case, if you are driving you will need to comply with UConn's parking regulations.

If you arrive too late in the morning to check-in at the South campus desk, come directly to the Math-Science Building (MSB) shown on the sketch, and check-in later at your housing location. At the South campus desk, every participant will receive a copy of NPA's abstract and program booklet and also sign-in for dorm rooms if you're staying at the South campus residential halls.

We will not have breakfast there--as in previous years



Instead, there will be a continental breakfast for ALL registered participants this year at tables in the hallway near the our conference rooms 117 & 119 which are one floor above the ground floor on which you enter the Math Sciences building. In addition., mid-morning and mid afternoon coffee breaks will be provided.

In Memoriam: Two Great Scientists

James Paul Wesley (1921 - 2007)

Paul Wesley died on January 20, 2007 in Germany. Born July 28, 1921 in St. Louis, MO, he led an adventurous, prolific and non-conformist life. He held positions in universities and institutes in the USA in different fields of physics before immigrating to Germany in 1974 until now.

Paul was an impassioned advocate of scientific physics and the author of six provocative books which add unusual insight in important fields of physics. He ventured into a discipline of his own, which he called *ecophysics*, the science of ecology and physics joining forces. The noted philosopher Karl Raimund Popper highly praised Paul's book **Causal Quantum Mechanics** as an *opus magnum*.

Paul did not encourage ether models, but he knew that all light phenomena and cosmology demand the existence of absolute space as a natural physical reference for the sake of uniqueness and un-ambiguity. Rejecting the big bang, he elaborated Weber's "cosmological condition," a space-filling c-square potential, and introduced a small deviation from inverse square laws that solves Olbers' and von Seeliger's paradoxes. When challenged, Paul would often respond, "*An apparent success does not prove a defective theory right.*" He was a man who knew how to count his blessings.

[A longer tribute will be read at the 2007 UConn conference.]

William L. Hughes (1926-2007)

Bill Hughes died on February 21, 2007 in Rapid City, South Dakota. He was born on December 2, 1926 in the same city. He was a direct descendent of pioneers of the Black Hills. Bill joined the Navy during World War II, and like other GIs went to college after the war. He graduated from the South Dakota School of Mines & Technology and obtained his PhD in electrical engineering from Iowa State University in 1952.

Dr. Hughes became a teacher and steadily moved through the ranks to become a Professor and then head of the School of Electrical Engineering at Oklahoma State University in Stillwater, OK. He organized a program on energy research and development and founded the Engineering Energy Laboratory at OSU. He was director of this laboratory from 1976 to 1986. After 26 years at Oklahoma State, he retired to consulting and a couple of years later went back to his roots and became Vice President of the South Dakota School of Mines.

Bill wrote many papers, published two electrical engineering textbooks and contributed to five engineering handbooks. He had great enthusiasm for experimental verification of scientific principles. From a NPA perspective, he was particularly interested in the Michelson-Morley experiment and was building a test apparatus in his home just before he died.

(Theme: continued from p.3)

the discussions. But dues payments do help (in part) to keep NPA running. All participants should register if they wish to receive a copy of the program and abstract booklet.

As usual, you are welcome to select any topic which meets our conference goals as long as those papers fit in our established guidelines of being technically well researched.

All participants are encouraged to assist in the "audience feedback" process. That occurs after we've heard the discussions at the conference, and is one of our better means of identifying papers or concepts upon which NPA can coalesce in a unified way to discuss with members of the establishment.

Feed back forms are provided to those attending "in person" at the conference, and to any other NPA member who is willing to join in that activity. Just let Neil Munch know and he'll send you the form via email. The results of each author's feedback are given only to that author (and a few NPA officers who assist in quality assurance)

but to no one else. That's to protect each author's privacy.

Overall results will be provided in future newsletters to assist in spreading the word about possible ways to correct some of the flaws in modern physics and cosmology.

Your help in suggesting, evaluating and dissemination of improvement ideas is needed.

Natural Philosophy Alliance

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Gaithersburg, MD 20877-2864

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All of NPA's 2007 conference abstracts will be available at www.conferences.uconn.edu/npa
All recipients of this newsletter are welcome to join in discussion of these papers and other topics at:
NPA_Dissidents@yahoogroups.com

Natural Philosophy Alliance

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[Address correction requested]



Natural Philosophy Alliance

is devoted to broad-ranging, fully open-minded criticism, at the most fundamental levels, of the often irrational and unrealistic doctrines of modern physics and cosmology, and to the ultimate replacement of these doctrines by much sounder ideas developed with full respect for evidence, logic, and objectivity.