

**PROGRAM: Vigier IX Symposium MORGAN STATE UNIVERSITY, Baltimore, MD USA**  
**Sunday 16 th – Wednesday 19 th November 2014**

**UNIFIED FIELD MECHANICS: NATURAL SCIENCE BEYOND THE VEIL OF SPACETIME**

**SATURDAY, 15 NOVEMBER 2014** - Reception at Scoozi, 7 to 9 PM informal reception for V9 delegates; An opportunity to get acquainted and socialize held at 'SCOZZI' restaurant/bar in the designated conference hotel: "The Radisson Hotel at Cross Keys" 5100 Falls Road Baltimore, MD, 21210 1-866-573-4235.

The reception is informal with food/drink at the delegates option.

**SUNDAY, 16 NOVEMBER 2014** - Banneker Hall, Meeting Room 203

8.00-9.00 Complimentary Continental Breakfast Buffet - Registration

(Banneker Atrium Reception Area next to Room 203)

8:50-9:00 Welcome

Dr. Timothy Akers, Vice Pres. Research Innovation and Advocacy

Dr. Kevin Peters, Director, Center for Excellence in Math and Science Education

**A. GENERAL SCIENCE SESSION**

1. 9.00-9.40 Roger J Anderton - MODERN APPLICATIONS OF BOSCOVICH'S UNIFIED FIELD THEORY

2. 9.40-10.20 Ludwik Kostro - COSMIC ABSOLUTE AND MODERN SCIENCE

10.20-10.40 Coffee

**B. PHYSICS SESSION I**

3. 10.40-11.20 Peter Marcer (Talk given by Peter Rowlands) COMPUTER TRACTABILITY - BEYOND TURING?

4. 11.20-12.00 Dibyendu Panigrahi - ON THE THERMODYNAMIC STABILITY OF THE VARIABLE CHAPLYGIN GAS

12.00-1.00 Lunch - Buffet Served Compliments of Vigier Symposium

**C. PHYSICS SESSION II**

5. 1.00-2.00 KEYNOTE - Peter Rowlands - DUAL VECTOR SPACE AND PHYSICAL SINGULARITIES

6. 2.00-2.40 Albrecht Giese - PARTICLE MASS WITHOUT A HIGGS MECHANISM

2.40-3.30 Coffee

7. 3.00-3.40 V. N. Matveev & O. V. Matvejev - WHY THE VELOCITIES OF MATERIAL BODIES CANNOT ACHIEVE THE SPEED OF LIGHT IN A VACUUM8.

8. 3:40-4:20 James E. Beichler - PHALLACIES OF MODERN FYSICS: THE ONLY WAY TO UNIFY PHYSICS

9. 4:20-4:40 James E. Beichler - CONSCIOUSNESS OF UNIFICATION: THE MIND-MATTER 'PHALLACY' BITES THE DUST

**MONDAY, 17 NOVEMBER** - STUDENT CENTER

**C. BIOPHYSICS SESSION**

9.00-9.10 Welcome - Dr. Dereje Seifu, Chair, Department of Physics

10. 9.10-9.50 Sungchul Ji - PLANCKIAN INFORMATION THEORY AS A UNIFIED THEORY OF ORGANIZATIONS IN PHYSICS, GENOMICS, AND GLOTTOMETRICS

11. 9.50-10.30 Sabah E. Karam - ZERO-TOTALITY: FROM FERMIONS TO CHEMICAL REACTIONS AND DNA TO DINOSAURS

10.30-10:50 Coffee

**D. MATHEMATICAL PHYSICS SESSION**

12. 11.00-12.00 KEYNOTE - LOUIS H. Kauffman - ITERANTS, FERMIONS AND THE DIRAC EQUATION - PART I

12:00-12:10 BREAK

13. 12.10-1:10 KEYNOTE - LOUIS H. Kauffman - ITERANTS, FERMIONS AND THE DIRAC EQUATION - PART II

1:10-2:10 Lunch - Buffet Served Compliments of Vigier Symposium

14. 2:10-2.50 Dionysios G. Raftopoulos - A NEW APPROACH TO THE QUANTUM ENTANGLEMENT ACCORDING TO THE THEORY OF THE HARMONICITY OF THE FIELD OF LIGHT

15. 2.50-3.30 Wolfgang Baer - MASS CHARGE INTERACTIONS FOR VISUALIZING THE QUANTUM FIELD

3.30-3:50 Coffee

**F. PHYSICS - ASTROPHYSICS SESSION**

16. 3:50-4.50 KEYNOTE - Elizabeth Rauscher - COSMOGENESIS, CURRENT COSMOLOGY AND THE EVOLUTION OF THE UNIVERSE'S PHYSICAL PARAMETERS

17. 4.50-5.30 Hector Munera - UNIFICATION OF GRAVITY AND ELECTROMAGNETISM: ON HOW THE UNIFIED FORCE ARISES FROM LOCAL ANISOTROPIES OF THE DYNAMIC ETHER

18. 5:30-6:10 Martin Kokus - AN INTUITIVE, CLASSICAL APPROACH TO UNIFICATION: A SPHERICALLY ROTATING ELECTRON IN A CLASSICAL AETHER

**TUESDAY, 18 NOVEMBER - All DAY COLLOQUIUM - STUDENT CENTER**

{Delegates Are Cordially Asked to Please Peruse the Compendium  
and Study the Reading List to Take Full Advantage of Discussion Opportunities}

- 8.50 - 9.00 Welcome - Format review FOR THE DAY  
19. 9.00 - 9:50 Invited Speaker - Louis H. Kauffman - KNOT THEORY AND PHYSICAL THEORY  
**9:50-10.10 Coffee**  
20. 10.10 - 11:00 Invited Speaker - Peter Rowlands - HOW MANY DIMENSIONS ARE THERE?  
**11.00-11:20 Coffee**  
21. 11:20 - 12:40 Invited Speaker - Richard L. Amoroso - INTRODUCTION TO UNIFIED FIELD MECHANICS  
**12:40-1:40 Lunch - Buffet Served Compliments of Vigier Symposium**  
1:40-6.00 Moderated Roundtable Discussion with Delegate Participation  
**PANELISTS:** Amoroso, Richard; Beichler, Jim; Giese, Albrecht; Kauffman, Lou; Kracklauer, Al; Rauscher, Elizabeth, Reed, Don; Rowlands, Peter; Moderator(s) Sabah Karam,

**PROPOSED TOPICS:**

- A. Extended Concept of Fundamental Fermion Space-Antispace Vertex and Associated Least Cosmological Unit (LCU)  
B. Quaternionic Topology of 'Exciplex' Gating Mechanism for Passing Beyond the 'Veil of Spacetime' into Regime of UFM  
C. Review and Formulation of Empirical Protocol for Demonstrating Tight-Bound States in Hydrogen: 1<sup>st</sup> Experimental Test

**2:45-3.05 Coffee**

**4:15-4:35 Coffee**

**7:00-9:00 SYMPOSIUM BANQUET - SCOZZI RESTAURANT** Radisson Hotel at Cross Keys  
Ask for the Vigier/Unified Field Mechanics Banquet room, 5100 Falls Road Baltimore, MD, 21210  
Ph: 1-800 532 5397 or 410 532 6900

**WEDNESDAY, 19 NOVEMBER - STUDENT CENTER**

22. 9.00-9.30 Ludwik Kostro (Presentation for Gianni Albertini & Fabio Cardone) DEFORMED SPACE-TIME REACTIONS  
23. 9.30-10.20 Donald Reed - PIRON (SHP) OFF-MASS SHELL MODEL AS SPRINGBOARD TEMPLATE FOR  
NEW REVELATIONS INTO HIDDEN DIMENSIONS OF TIME AND MASS  
**10.20-10.50 Coffee**  
24. 10.50-11.30 VANESSA HILL (Talk given by Peter Rowlands) A MATHEMATICAL REPRESENTATION OF THE GENETIC  
CODE  
25. 11.30-12.10 Al F. Kracklauer - DEVILISH DETAILS IN EPR-B ANALYSIS  
26. 12.10-12.50 Thomas B. ANDREWS - A PURELY GRAVITATIONAL MODEL OF THE UNIVERSE  
**12.50-1.50 Lunch - Buffet Served Compliments of Vigier Symposium**  
27. 1.50-2.50 Charles W. Lucas, Jr. - THE UNIVERSAL FORCE AND FIELD THEORY  
28. 2.50-3.30 Pal Asija - PHYSICAL REALITY OF CALENDAR, CLOCK, COMPASS & GPS  
**3.30-3:50 Coffee**  
29. 3:50-4.30 Thomas Valone - PERMANENT MAGNETIC GRADIENT SPIRAL MOTOR: RADIAL MAGNETS  
30. 4.30-5.10 Jonathan Bentwich - CRITICAL EMPIRICAL VALIDATION OF THE 'COMPUTATIONAL UNIFIED FIELD  
THEORY' (CUFT) VS. QUANTUM & RELATIVISTIC MODELS  
or  
Tiwari Bhupendra Nath - ENTROPIC FLOW, STATISTICAL CORRELATIONS, M-THEORY  
AND STRING VACUUM FLUCTUATIONS  
31. 5:10-5:50 Charles J Sven - CREATION OF OUR UNIVERSE: A FEYNMAN-LIKE ANALYSIS OF NEW PHYSICS

Thank You and Farewell !

See you in Italy for Vigier 10, planned ~July/August 2016  
Vigier 11 - Venue open 2018  
Vigier Centenary 2020 Paris