

Agenda for STAIF II

Tuesday, March 13, 2012

8:30 a.m. Registration desk opens.

9 a.m. ***Invited Presentation***

Jack Nachamkin

The Effect Of Material Stresses On Electromagnetic Boundary Conditions

10 a.m. *Paul A. Murad and John E. Brandenburg*

The Murad-Brandenburg Equation-A Poynting Vector/Field Conservation Equation and Gravity

10:30 a.m. ***Fifteen minute coffee break***

10:45 a.m. *Young K. Bae*

Prospective of Photon Propulsion for Interstellar Flight

12 noon ***Recess for lunch***

1:00 p.m. *Giorgio Fontana*

Directions for Gravitational Wave Propulsion

1:30 p.m. *Robert M L Baker, Jr. and Bonnie Sue Baker*

Gravitational Wave Generator Apparatus

2:00 p.m. *Robert M L Baker, Jr. and Bonnie Sue Baker*

Multiple-layer Radiation Absorber

2:30 p.m. *Takaaki Musha*

Possibility to Construct a Gravitational Wave Detector by Utilizing the Electrogravitic Property of Dielectric Materials

3:00 p.m. ***Fifteen minute coffee break***

3:15 p.m. *Paul A. Murad, Morgan J. Boardman, John E. Brandenburg, et al.*

The Morningstar Energy Box- Part Redux

3:45 p.m. *Jim Woodward*

Massless Propulsion

4:45 p.m. *Shelley Thomson and John Brandenburg*

Possible States Theory and Human Destiny in the Cosmos

Wednesday, March 14, 2012

8:30 a.m. Registration desk opens

- 9:00 a.m. ***Invited presentation***
- George H. Miley and John Orcutt*
 A Fusion Space Probe—Viper, an Ultra-High I_{SP} Pulsed Fusion Rocket
- 10:00 a.m. *John Brandenburg*
 The Hybrid Fusion-Fission Reactor: *The Energy Crisis is Solved*
- 10:30 a.m. ***Fifteen minute coffee break***
- 10:45 a.m. *John Brandenburg*
 The Problem of Weak and Strong Nuclear Forces and Prediction of the *Higgs-Boson* Mass using the GEM (Gravity Electro-Magnetism) Unification Theory
- 11:15 a.m. *Paul A. Murad and Morgan J. Boardman*
 Affecting Weather: Mitigating a Tornado
- 11:45 p.m. *Morgan Boardman*
 Remediation of Aerosolized Particulate Pollutants in Urban Areas
- 12:15 noon ***Break for lunch***
- 1:15 p.m. *John Brandenburg*
 Prediction of Planetary Systems in Alpha Centauri
- 1:45 p.m. *John Brandenburg*
 Mars-Phobos: A Mars Mission Architecture with Mars-Moon Synergy
- 2:15 p.m. *John Brandenburg*
 Evidence for a Large Natural Nuclear reactor in Mars Past
- 2:45 p.m. ***Fifteen minute coffee break***
- 3:00 p.m. *U. W. Massie*
 Gravity and Zero Point Energy
- 3:30 p.m. *Paul Richard Price*
 Gravitational Propulsion in a Fluid Membrane-A New Propulsion Methodology
- 4:00 p.m. *Shelley Thomson*
 Aspects of Space Travel
- Banquet**
6:00 p.m. – 9 p.m.

Thursday, March 15, 2012

- 8:30 a.m. Registration desk opens
9:00 a.m. Advanced Propulsion Panel

- 10:00 a.m. *Franklin B. Mead Jr. and David Froning*
Hypersonic Inlet Research for Small Earth-to-Orbit Vehicles Propelled by Laser Beams
- 10:30 a.m. *Paul Murad*
A Spectrum Approach for Solving Navier-Stokes Closed-Form Solutions
- 11:00 ***Fifteen minute coffee break***
- 11:15 a.m. *John Brandenburg*
Inertia-less Drive: Are Higgs Bosons, Tesla Scalar Waves, And Radion Fields Connected?
- 11:45 ***Break for Lunch***
- 1:00 p.m. *Shelley Thomson*
Wall Building Competition
- 2:30 p.m. ***Adjourn***