Day 1       June 27, 2016

08:00-09:00  Registrations

Salon 3

Opening Ceremony

Keynote Forum

08:55-09:00  Introduction

09:00 -09:30  **Title: The invention of high efficient blue LEDs and future lighting**  
              Shuji Nakamura, University of California Santa Barbara, USA

09:30-10:00  **Title: Masses of black hole merger for the gravitational waves, GW150914**  
              Yukio Tomozawa, University of Michigan, USA

10:00-10:30  **Title: Spectrometric characterization techniques applied to artworks belonging to the**  
              **historic and cultural heritage**  
              Alejandro Martin Sanchez, University of Extremadura, Spain

10:30-11:00  **Title: Scientific philosophy to unified physics**  
              Chong Wei Xu, Verizon Communications, USA

Group Photo

Networking & Refreshment Break 11:05-11:20 @ Foyer

Track 1: Physics  
Track 2: Condensed Matter Physics

Session Chair: Shuji Nakamura, University of California Santa Barbara, USA  
Session Co-Chair: Guang-Lin Zhao, Southern University and A&M College, USA

Keynote Forum

11:20-11:45  **Title: Revival of the phase-amplitude description of a quantum-mechanical wave function**  
              George Rawitscher, University of Connecticut, USA

11:45-12:10  **Title: The puzzle of anomalous isotope effect in High and Low Tc superconductors**  
              Guang-Lin Zhao, Southern University and A&M College, USA

12:10-12:35  **Title: Effect of triboluminescent and thermographic phosphor powders on the thermal, mechanical, and**  
              **optical properties of elastomeric composite materials**  
              Firouzeh Sabri, University of Memphis, USA

12:35-13:00  **Title: Thick is Good**  
              Li Ping Lu, University of Exeter, United Kingdom

Session Discussion

Lunch Break 13:00-13:45 @ Salon 5 & 6

Reception @ Dillard University 14:00-18:00

Day 2       June 28, 2016

Salon 3

Keynote Forum

10:00-10:30  **Title: Single-molecule chemistry and spectroscopy on insulating films with STM**  
              Yousoo Kim, RIKEN, Japan

10:30-11:00  **Title: Spectral computational methods**  
              George Rawitscher, University of Connecticut, USA

Networking & Refreshment Break 11:05-11:20 @ Foyer

11:20-11:50  **Title: Trends of nano science and nano technologies now and then**  
              Abdalla M Darwish, Dillard University, USA

11:50-12:20  **Title: Tomorrow’s Sciences: Fractional calculus view of complexity**  
              Bruce J West, US Army Research Office, USA

12:20-13:00  **Special Session by Chong Wei Xu on “Horizons of Unified Physics”**  
              
              • First Horizon of Unified Physics | Quantum Physics
              • Second Horizon of Unified Physics | Macroscopic Densities and Thermodynamics
              • Third Horizon of Unified Physics | Electromagnetism, General Relativity and Gravitation
Session Discussion

Lunch Break 13:20-14:05 @ Salon 5 & 6

Track 3: Advanced Physics
Track 4: Applied Physics
Track 5: Particle and Nuclear Physics

Session Chair: Rob L Allen, Sam Houston State University, USA
Session Co-Chair: Chong Wei Xu, Verizon Communications, USA

Session Introduction

14:05-14:30 Title: Basic equations calculate forces, many physical constants, and properties of particles that include masses
Rob L Allen, Sam Houston State University, USA

14:30-14:55 Title: 1D electron confinement in a graphene nano wrinkle
Yousoo Kim, RIKEN, Japan

14:55-15:20 Title: GOD doesn’t play dice
Manish Kumar, Indian Institute of Technology(BHU), India

15:20-15:45 Title: Finite element analysis and optimization of cylindrical resonant photoacoustic cell
Madhusoodanan Mannoor, Dong-A University, Republic of Korea(South)

Session Discussion

Poster presentations @ 15:30-16:15

Networking & Refreshment Break 15:45-16:00 @ Foyer

Track 6: Astrophysics
Track 7: Optical Physics

Session Chair: Yukio Tomozawa, University of Michigan, USA
Session Co-Chair: Abdalla M Darwish, Dillard University, USA

Session Introduction

16:20-16:45 Title: Double pulse laser deposition of polymer nanocomposite films for optical sensors and light emitting applications
Abdalla M Darwish, Dillard University, USA

16:45-17:10 Title: Acceleration, deceleration and finishing of universe expansion
Yukio Tomozawa, University of Michigan, USA

17:10-17:35 Title: Principles and applications of optical switching assisted imaging and structuring schemes
David Köhne, Laser-Laboratorium Göttingen e.V., Germany

17:35-18:00 Title: Ammonia sensor based on polymer-inorganic nano-composite thin film upconversion light emitter prepared by double-beam pulsed laser deposition
Aziz Muhammad & Deonte Alexander, Dillard University, USA

Session Discussion

Day 3 June 29, 2016

Salon 3

Track 8: Geophysics
Track 9: Quantum Physics
Track 10: Physics in Different Sciences
Track 11: Chemical Physics

Session Chair: Eugene Stephane Mananga, The City University of New York, USA
Session Co-Chair: Alejandro Martin Sanchez, University of Extremadura, Spain

Session Introduction

10:00-10:25 Title: Generalization of framework of analytic mechanics and unified description of quantum and classical physics
Tomoi Koide, Federal University of Rio de Janeiro, Brazil

10:25-10:50 Title: Some preliminary results obtained when indoor radon mitigation methods are applied
Alejandro Martin Sanchez, University of Extremadura, Spain

10:50-11:15 Title: Application of the pulsed fast/thermal neutron method for soil elemental analysis
Galina Yakubova, USDA/ARS National Soil Dynamics Laboratory, USA

Networking & Refreshment Break 11:15-11:35 @ Foyer

11:35-12:00 Title: On Fer and Floquet-Magnus expansions: Application in solid-state nuclear magnetic resonance and physics
Eugene Stephane Mananga, The City University of New York, USA

12:00-12:25 Title: GOD’s diagnostic tool is the mathematics and prescription is physics
Manish Kumar, Indian Institute of Technology(BHU), India

12:25-12:50 Title: Magnetic current and new modifications of Maxwell’s equations
Mehdi Nosrati, University of Alberta, Canada

Session Discussion

Awards & Closing Ceremony

Lunch Break 13:00-13:45 @ Salon 5 & 6