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525th Conference

Scientific Program

International Conference on

PHYSICS

June 27-29, 2016 New Orleans, USA



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Day 1 June 27, 2016

08:00-09:00 Registrations

Salon 3

conferenceseries.com 08:30-08:55

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

Session Introduction

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, Universtiy 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 Science: Fractional calculus view of complexity**
Bruce J West, US Army Research Office, USA

12:20-13:20 **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 diagonistic 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