Tentative Program

4th International Conference on Physics

September 17-18, 2018 Berlin, Germany



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops

Exhibitors | B2B Meetings

For available speaker slots

physics@physicsconferences.org

4th International Conference on Physics

September 17-18, 2018 Berlin, Germany

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
		09.00-09.15	Inaugural Address
	Least of 3 Keynote/Plenary Talks	09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for Day 1

Day 2

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
Evening Sessions	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Closing Cermony		
	NOTE: Program Shedule is subject to change with final allotment of the speaker slots		

30 Speakers on Day 2

Call for Abstract: https://physics.conferenceseries.com/call-for-abstracts.php

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Conference Highlights

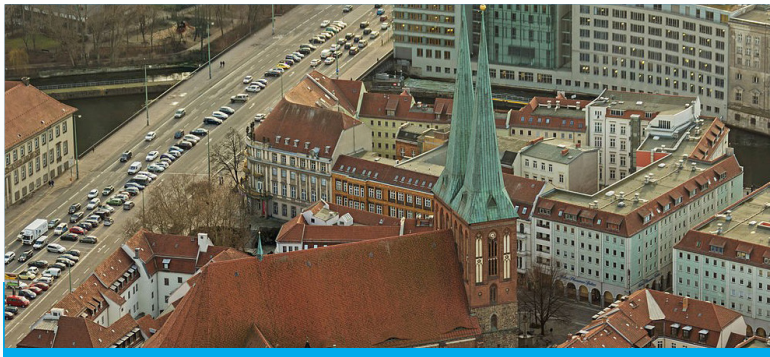
- Classical and Modern Physics
- Condensed Matter Physics
- Astro-Particle Physics & Cosmology
- Material Physics
- High Energy Nuclear Physics
- Atomic,Molecular & Optical Physics
- Quantum Science & Technology
- Nano-Technology
- Plasma Science
- Electromagnetism and Electronics
- Applied Physics



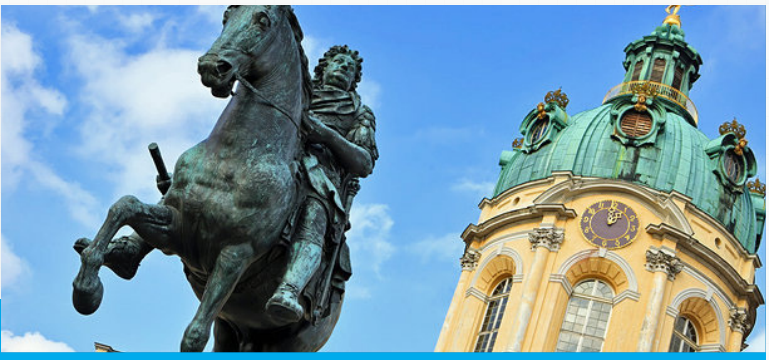
Plan your trip to Berlin



Berlin Cathedral Church



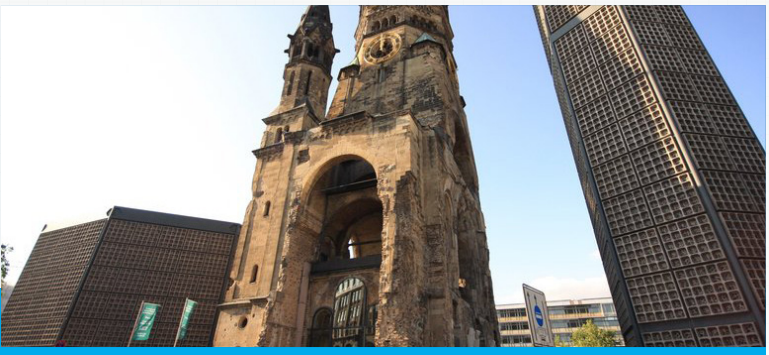
The Nikolai Quarter



Charlottenburg Palace



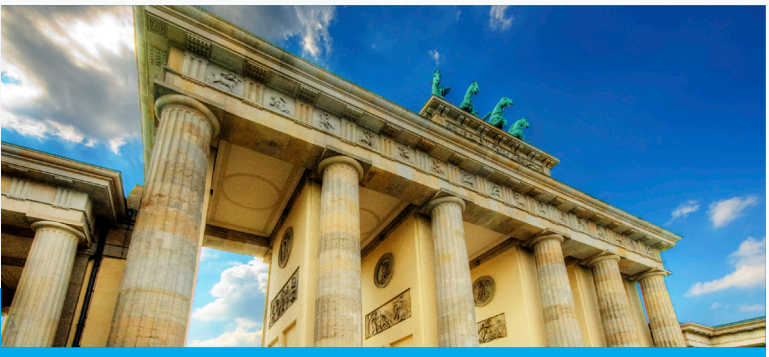
Museum Island



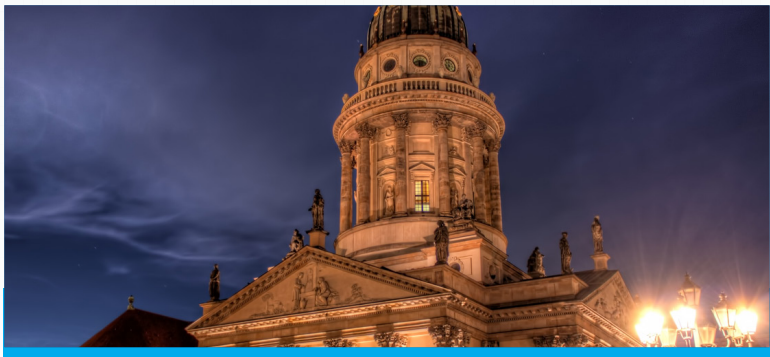
Kaiser Wilhelm Memorial Church



The Gendarmenmarkt



The Brandenburg Gate



The French Cathedral

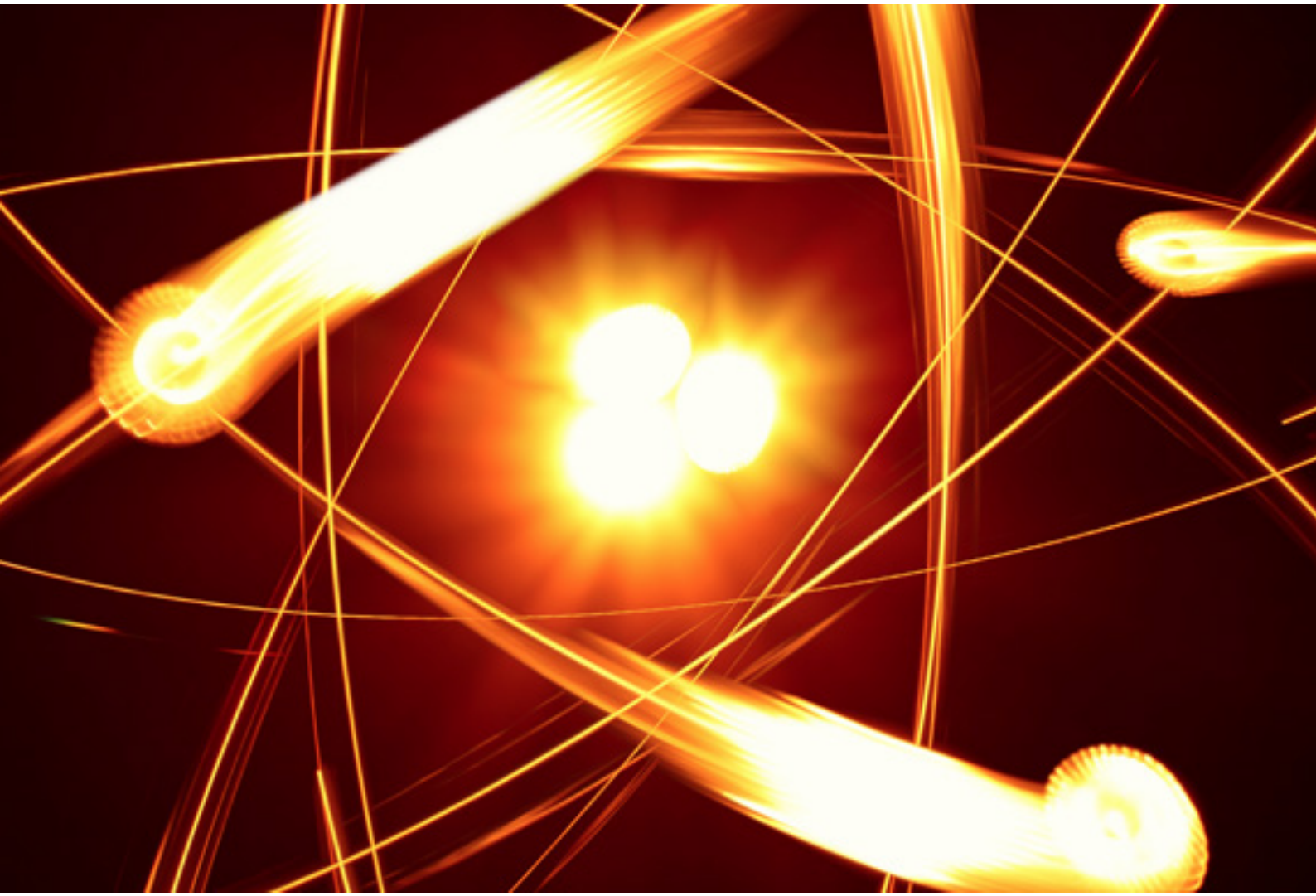
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1115th Conference

Scientific Program

2nd International Conference on

Physics

August 28-30, 2017 Brussels, Belgium



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Day 1 August 28, 2017

Registrations

Consulate

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Opening Ceremony

Keynote Forum

Introduction

Title: Multidimensional solitons in dispersive complex media: structure and stability

Vasily Yu Belashov, Kazan Federal University, Russia

Title: Dynamic properties of particles

Georgi Shpenkov, University of Science and Technology in Bydgoszcz, Poland

Group Photo

Networking and Refreshments Break

Plenary Talk

Title: Tritium permeation mechanism in fusion reactor fuel systems

Takumi Chikada, Shizuoka University, Japan

Sessions: Classical Physics | Applied Physics | Plasma Physics

Session Chair: Vasily Yu Belashov, Kazan Federal University, Russia

Session Co-chair: Álvaro Q Valenzuela, University of Chile, Chile

Session Introduction

Title: A hypothetical pre-fermion particle theory of everything

Michael Jefferson Lawrence, Maldwyn Centre for Theoretical Physics, UK

Title: Mathematical models versus physical mechanisms

Hans Deyssenroth, Germany

Title: XRF measurements of heavy elements in some archaeological samples collected from different parts of Saudi Arabia

K S Al Mugren, Princess Nourah Bint Abdul Rahman University, Saudi Arabia

Lunch Break

Title: Protection against pseudoscientific swindlers is necessary to the Science

Vladislav Cherepennikov, Newton Society, Russia

Title: Theoretical confirmation of the gravitation new origin having a dipolar electrical nature with Coulomb's law corrected

Ioan Has, Nicolae Balcescu Land Forces Academy, Romania

Panel Discussion

Sessions: Particle and Nuclear Physics | Atomic, Molecular and Optic Physics | Condensed Matter Physics

Session Chair: Eliade Stefanescu, Advanced Studies in Physics Centre of the Romanian Academy, Romania

Session Co-chair: Eliza Wajch, Siedlce University of Natural Sciences and Humanities, Poland

Session Introduction

Title: Strongly-correlated electrons in two dimensions

Sergey Kravchenko, Northeastern University, USA

Title: Evolution of solitary waves in complex media with variable dispersion

Vasily Yu Belashov, Kazan Federal University, Russia

Networking and Refreshments Break

Title: Boscovich unified field theory and atomism
Roger J Anderton, UK
Title: Investigation of conditions for electron equilibrium establishing in thermoluminescent dosimeter
Keyhandokht Karimi Shahri, University of Birjand, Iran
Title: Unusual irreversible magnetic behavior in three unrelated systems
Israel Felner, Hebrew University of Jerusalem, Israel

Panel Discussion

Day 2 August 29, 2017

Consulate

Special Session

Title: Discovery of a substantial mathematical and physical error in Albert Einstein's paper 1904 entitled "On the general molecular theory of heat" and calculating the new order of magnitude of the radiation wavelengths (black-body radiation)
M Khoshnevisan, Ajman University, UAE

Plenary Talk

Title: Nonlinear resonance analysis
Elena Tobisch, J Kepler University Linz, Austria

Networking and Refreshments Break

Sessions: Quantum Physics | Nanotechnology | Computational Physics

Session Chair: Vladislav Cherepennikov, Newton Society, Russia
Session Chair: Elena Tobisch, J Kepler University Linz, Austria

Session Introduction

Title: Classical interpretation of quantum phenomena
Álvaro Q Valenzuela, University of Chile, Chile
Title: Electromagnetic field, spin and gravitation, as characteristics of a charged quantum particle wave function
Eliade Stefanescu, Advanced Studies in Physics Centre of the Romanian Academy, Romania
Title: Numerical study of interaction of vortex structures in plasmas and fluid
Vasily Yu Belashov, Kazan Federal University, Russia
Title: Three-dimensional self-modulated beam dynamics of a non-laminar, ultra-relativistic beam in a non-relativistic cold plasma
Tahmina Akhter, Universita di Napoli Federico II, Italy

Lunch Break

Title: Playing with time definition
Dominique Ausserré, CNRS & Le Mans University, France
Title: Computation within models of ZF minus the postulate of infinity
Eliza Wajch, Siedlce University of Natural Sciences and Humanities, Poland
Title: Making magnetic monopole out of ordinary fields
Anatoly Shabad, University of Moscow, Russia

Panel Discussion

Networking and Refreshments Break

Young Researchers Forum

Title: T-invariance and mechanisms of the many particle multistep nuclear reactions and fission
Pavel V Kostryukov, Voronezh State University, Voronezh, Russia
Title: Liquid-liquid phase transition behaviour of 2,6-dimethylpyridine-water system with alkali halides
Kamoladdin Egamberdiev Bakhodirovich, Institute of Ion-Plasma and Laser Technologies - UzAS, Uzbekistan
Title: Vibrations of atoms around their equilibrium sites due to the interaction with neighbor atoms
Said Talbaoui, University Soultan Moulay Slimane, Morocco

Video Presentations

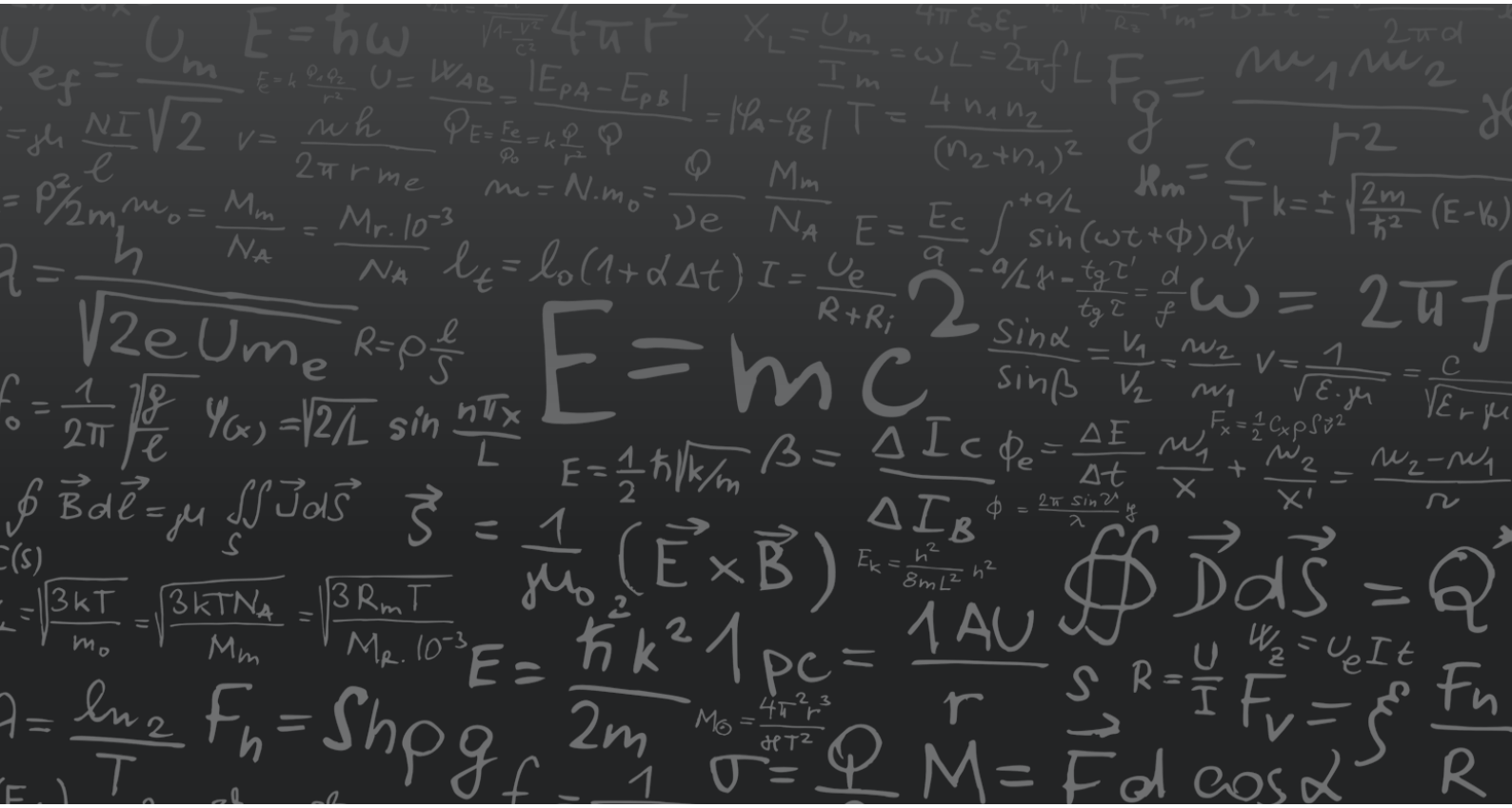
Title: Is the essence of a quantum game captured completely in the original classical game?
Colin Benjamin, National Institute of Science Education and Research, India
Title: Surface electromagnetic waves: past, present, future
Vladimir Datsko, Institute of Applied Geophisics, Russia

Panel Discussion

Awards & Closing Ceremony

Day 3 August 30, 2017

Networking Lunch



Bookmark your dates

3rd International Conference on

Physics

September 17-18, 2018 Berlin, Germany

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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

Registrations

Salon 3

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Opening Ceremony

Keynote Forum

Introduction

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

Title: Masses of black hole merger for the gravitational waves, GW150914
Yukio Tomozawa, University of Michigan, USA

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

Title: Scientific philosophy to unified physics
Chong Wei Xu, Verizon Communications, USA

Group Photo

Networking & Refreshment Break

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

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

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

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

Title: Thick is Good
Li Ping Lu, University of Exeter, United Kingdom

Session Discussion

Lunch Break

Reception @ Dillard University

Day 2 June 28, 2016

Salon 3

Keynote Forum

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

Title: Spectral computational methods
George Rawitscher, University of Connecticut, USA

Networking & Refreshment Break

Title: Trends of nano science and nano technologies now and then
Abdalla M Darwish, Dillard University, USA

Title: Tomorrow's Science: Fractional calculus view of complexity
Bruce J West, US Army Research Office, USA

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

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

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

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

Title: GOD doesn't play dice
Manish Kumar, Indian Institute of Technology(BHU), India

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

Session Discussion

Poster presentations

Networking & Refreshment Break

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

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

Title: Acceleration, deceleration and finishing of universe expansion
Yukio Tomozawa, University of Michigan, USA

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

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

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

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

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

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

Title: GOD's diagonistic tool is the mathematics and prescription is physics
Manish Kumar, Indian Institute of Technology(BHU), India

Title: Magnetic current and new modifications of Maxwell's equations
Mehdi Nosrati, University of Alberta, Canada

Session Discussion

Awards & Closing Ceremony