



Coalesce Research Group

International Summit on

Physics & Astronomy

November 14-15

Osaka, Japan

2019

Tentative Program

DAY 1

Physics & Astronomy

2019

08:30-09:00 Registrations

09:00-09:30 Introduction

09:30-10:30 Coffee Break

10:30-10:45 Keynote LECTURES

10:45-12:50 MEETING HALL 01

Talks On: Condensed Matter Physics

Materials Physics

solid-state physics

Meteorology

Aerodynamics

12:50-13:00 GROUP PHOTO

13:00-14:00 LUNCH BREAK

14:00-17:00 MEETING HALL 01

Talks On: Astronomy

Astrophysics

Astro-particle Physics

Space sciences

Astronomical Spectroscopy

Radio Astronomy

16:05-16:20 Coffee Break and Networking

16:20-17:10 Hands on Workshop/ Lecture

17:10-18:00 MEETING HALL 01

Talks On: Photonics

Optics and Lasers

Acoustics

DAY 2

Physics & Astronomy

2019

09:00-09:30 Registrations

09:30-10:30 Keynote LECTURES

09:30-10:30 Coffee Break

10:45-12:50 MEETING HALL 01

Talks On: Theoretical Physics

Applied Physics

Plasma Physics

12:50-13:50 LUNCH BREAK

13:50-14:40 Poster Presentations

14:00-17:00 MEETING HALL 01

Talks On: High Energy Physics, Particles and Fields

Atomic, Molecular and Nuclear Physics

Mathematical & Computational Physics

Geophysics and Social Physics

15:55 - 16:10 Coffee Break and Networking

16:10-17:50 MEETING HALL 01

Talks On: Cosmology

Material science and nano materials

Medical Physics and Biophysics

17:50-18:20 Panel Discussion

Awards & Closing Ceremony

<https://www.coalesceresearchgroup.com/conferences/physicsastronomy>

Physics & Astronomy

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Speaker Presentations
The Creation of a Quantum Mechanic Universe
Javad Fardeai, Independent Researcher, USA
Theorem of the Keplerian kinematics
Hervé Le Cornec, HCI-Research Labs, France
Applications of Riemann-Liouville Fractional Integral Operator in Modern Physics
Soroosh Mohammadi Farsani, Islamic Azad University, Iran
Astronomical Evidence of Magnetic Monopoles and Its Implication-Mechanism of Supernova explosion and Challenge to Black Hole Models
Qiu-He Peng , Nanjing University, China
Quasi-Stationary Optical Gaussons
Anjan Biswas, Alabama A&M University, USA
The Electron and The Electron Charge Explained
Adrian Ferent, Augustin Maier College, Romania
Bright Solitons for Nonlinear Schrödinger Models in Optical fibers
Anwar Ja'afar Mohamad Jawad, Al Rafidain University College, Iraq
From Relativity to Creation of Temporal ($t > 0$) Universe
Francis T. S. Yu, Pennsylvania State University, USA
Gravitational waves and the classification of spacetimes that are asymptotically flat
A. H. Kara, University of the Witwatersrand, South Africa
The Nature-Philosophy of Non-Inflationary Cosmology
A. K. Avetissian, Yerevan State University, Armenia
Low Energy Buildings Design and Human Comfort Solutions
Abdeen Omer, Energy Research Institute, United Kingdom
On a Plausible Triple Electro-Gravito-Informational Significance of the Fine Structure Constant
Andrei-Lucian Drăgoi, Independent Researcher, Romania
Optical Solitons with Chen-Lee Liu Equation by Lie Symmetry
Anupma Bansal, Panjab University, India
Synthesis of highly Stable white light emitting Carbon Quantum dots
Asha Bhardwaj, IISc Bangalore, India
Synthesis of Graphene Oxide by Employing Multimode Microwave Applicator
Charu Lata Dube, Central University of Gujarat, India

Physics & Astronomy

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Emergent Universe in Modified Gravity via Gravitational Wormhole
B. C. Paul, North Bengal University, India
Investigation of magnetized accretion flow properties around a black hole and prospects with Astrosat
BIPOLOB SARKAR, The ICFI University, India
Origin of Universe and black holes
Dipendra Neupane, Under privileged children's education programs , Nepal
Enhancement of Inter satellite Optical Wireless Channel (IS-OWC) Systems utilizing VCSEL with NRZ and RZ modulation formats for long distance
Fatma Mohammed Aref Mahmoud Houssien, Menoufia University, Egypt
From thermomass energy to dark energy
Haidong Wang, Tsinghua University, China
The line 3.5 Kev radiation from heavy pearl dark matter model
Holger Bech Nielsen, Galsgow University, Scotland
Journey to Universe
Kamani.K.K, P.G.Center GSC Chitradurga, India
Inverse scattering simulation for objects location using the amplitude and phase of the multi-static scattering matrix
Luminita Moraru, University 'Dunărea de Jos' of Galați, Romania
To the Study of the Influence of Planets on the Variation of Pressure of the Solar Activity
M. L. Arushanov, Hydrometeorological Research Institute, Russia
Linear Analysis of Bump on Tail Instability with non-Maxwellian Distribution Function
S. Zaheer, Forman Christian College, Pakistan
TIME-calculation
Sahriar Ahamed, Independent Researcher, Bangladesh
Development of novel Ni-based core-shell nanocomposites and its application in doxorubicin delivery
Sanam Garehbaghia, Tabriz University of Medical Sciences, Iran
About of a common field theory construction from the point of view N-dimensional membrane.
S O Gladkov, National Research University, Russia
A comparative study on dynamic nuclear Stark shift in hydrogen-like Uranium-238 and muonic Ne-20
Sidra Shafiq, Government College University, Pakistan

Physics & Astronomy

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Hubble Law, Doppler Effect, And The Model of "Hot" Universe: Errors In Cosmology
Temur Z. Kalanov, Home of Physical Problems, Yozuvchilar , Uzbekistan
Electromagnetic Harbinger Earthquakes
V. K. Balkhanov, Russian Academy of Sciences, Russia
Aspects of primordial black hole
Y. Tada, Nagoya University, Japan
Attosecond Pulse Generation using A-Si:H and GaAlAs/GaAs Waveguides
A. Afroozeh, University of Larestan, Iran
Tungsten evaporation model under pulsed heat load with high power density
Galina G. Lazareva, Institute of Computational Mathematics and Mathematical Geophysics , Russian Federation
Exact solutions of the cubic nonlinear Schro" dinger equation with a P" oschl-Teller potential by Laplace-Adomian method
Oswaldo Gonza´lez-Gaxiola , Autonomous Metropolitan University, Mexico City
Producing Interstellar Speed Throughout Space-Time By Unifying Gravity With Electromagnetism, Mathematics, Supersymmetry, Matter, Dark Matter, Dark Energy And The Supposedly Unrelated Higgs Boson
Rodney Bartlett, Independent researcher, Australia
Gravitation - Flat Power Field
S.A. Orlov, Petrozavodski universitet, Russia
Determination of vortex lattice melting and irreversibility transition temperatures in YBa2Cu3O7
Snehadri Bihari Ota, ScienceDomain International, India
Electromagnetic excitations in a non-ideal 1D lattice of microcavities with embedded quantum dots
V.V. Rumyantsev, Galkin Institute for Physics & Engineering, Ukraine
Computational Simulation of Quark Confinement Based on Non-topological Solitary Submodel
Yu Yang, Normal University, China
Calculation of Dark Energy and Dark Matter
Friedhelm M. J"oge, Independent Researcher, Germany
The History and Formation of Black holes & Black Holes and their Effects on the Universe
Shaik Mohammed Iqbal Azmi, Student at Jabriya Indian school, kuwait

OSAKA Attractions

