4<sup>th</sup> International Conference on

## ASTROPHYSICS AND PARTICLE PHYSICS

## December 03-05, 2018 | Chicago, USA

Conference Series LLC Ltd | 47 Churchfield Road, London, UK, W3 6AY Toll Free: +44-800-014-8923

## Day 1 December 03, 2018

**Conference Hall** 

## 09:00-09:30 Registrations

09:00=09:30 K		
09:30-09:55 Opening Ceremony		
Keynote Forum		
09:55-10:00	Introduction	
10:00-10:45	Title: Photodynamics: How massive photons, gravitons, gluons, and neutrinos manage to travel at the speed of light	
	Robert J Martineau, NASA Goddard Space Flight Center, USA	
	Panel Discussion 10:45-10:50	
	Networking & Refreshment Break 10:50-11:10	
11:10-11:55	Title: Hamiltonian analysis of stability and classification of multidimensional nonlinear wave structures of soliton type in space plasma	
	Vasily Yu Belashov, Kazan Federal University, Russia	
11.55 12.40	Title: High spatial observations of protoplanetary disks review	
11:55-12:40	Eiji Akiyama, Hokkaido University, Japan	
	Panel Discussion 12:40-12:45	
	Group Photo 12:45-12:55	
	Lunch Break 12:55-13:55	
	Plenary Talk	
13:55-14:55	Title: Supreme theory of everything	
10.00-14.00	Ulaanbaatar Tarzad, Mongolian University of Science and Technology, Mongolia	
Sessions: Astro	ophysics and Space Science   Particle Physics   Gravitational Physics	
Session Chair: Eiji Akiyama, Hokkaido University, Japan		
Session Co-cho	air: Ulaanbaatar Tarzad, Mongolian University of Science and Technology, Mongolia Session Intoduction	
14:55-15:25	Title: An introduction to temporal wave mechanics	
	Kenneth M Rauen, Rainforest Reactor Research, USA	
15:25-15:55	Title: Molecular astrophysics: Formation and interaction of molecules and new approach: Deep Learning (AI) in astronomy	
	Hakima Mokrane, Expaceo, France	
	Panel Discussion 15:55-16:00	
	Networking & Refreshment Break 16:00-16:20	
16:20-16:50	Title: Dimensional model for predicting particle physics	
	Gregory Friedlander, USA	
16:50-17:20	Title: Numerical modeling for episodic thermal convection in enceladus ice shell	
	Mariana C Villamil Sastre, Universidad de los Andes, Colombia	
17:20-17:50	Title: Mergers of compact objects concordant with gravitational-wave events	
	Hiromichi Tagawa, Eotvos University, Hungary	
	Panel Discussion 17:50-17:55	

	Day 2 December 04, 2018	
Conference Hall		
	Keynote Forum	
09:45-10:30	Title: Cosmic matter creation from viscous energy dissipation as a resurection of Hoyle's dream	
	Hans J Fahr, University of Bonn, Germany	
	Panel Discussion 10:30- 10:35	
	Networking & Refreshment Break 10:35-10:55	
10:55-11:40	Title: Investigation in determining the value of perturbation to enter in to the threshold of modified Korteweg-de-Vries(mKdV) solitons in plasma as means of continuum hypothesis from the regime of discrete KdV solitons	
	Bhaben Chandra Kalita, Cotton University, India	
11:40-12:25	Title: Evolution of the universe: The silent bang	
11:40-12:25	Ghassan Halasa, University of Jordan, Jordan	
12:25-13:10	Title: Astroparticles: Their detection and crucial role in XXI century science	
12:25-13:10	Eduardo de la Fuente, Universidad de Guadalajara & Mars Society, Mexico	
	Panel Discussion 13:10-13:15	
	Lunch Break 13:15-14:15	
	Workshop	
14:15-15:00	Title: Interaction of the multidimensional NLS solitons in non-uniform and nonstationary medium: Modeling and stability problem	
	Vasily Yu Belashov, Kazan Federal University, Russia	
Sessions: Dark	Matter and Dark Energy   High Energy Physics	
Session Chair: Ghassan Halasa, University of Jordan, Jordan		
Session Co-Cho	<b>iir: Bhaben Chandra Kalita</b> , Cotton University, India	
	Session Intoduction Title: Geometric chronons can be viewed as the building blocks of a quantum theory	
15:00-15:30	instead of particles	
	Eytan Suchard, Metivity, USA	
15:30-16:00	Title: Study of the pT-distributions of secondary charged particles produced in d <sup>12</sup> C interactions at 4.2 A GeV/c	
	Z Wazir, International Islamic University Islamabad,Pakistan	
	Panel Discussion 16:00-16:05	
	Networking & Refreshment Break 16:05-16:25	
16:25-16:55	Title: Application of a dimensional model for describing black holes, dark energy and the appearance of fibonnaci curves in space	
	Gregory Friedlander, USA	
16:55-17:25	Title: Dielectical omni diminesions and directions of quantum radiant particles of monistic substance	
	Chidiebere Anigbo, Institute of Technology and management, Nigeria	

Panel Discussion 17:25-17:30         Poster Presentation 17:30-18:00         17:30-17:45         Title: Subspace approximations to the Fokker-Planck Equation Jordan Lasuik, University of Manitoba, Canada         Title: Subspace approximations to the Fokker-Planck Equation Jordan Lasuik, University of Manitoba, Canada         Title: Electron-impact excitation and recombination of molecular cations in edge fusion plasma: Application to H <sub>2</sub> * and BeD* Nicolina Pop, University Timiscara, Romania         Panel Discussion 18:00-18:05         Conference Hall: Keynote Forum         Value Subspace approximation of molecular cations in edge fusion plasma: Application to H <sub>2</sub> * and BeD* Nicolina Pop, University Timiscara, Romania         Ogy 3 December 05, 2018         Conference Hall: Keynote Forum         Ogi:45-10:30         Osi:45-10:30         Title: Mass reservoirs, black holes, dark matter in the early universe Yu-QingLou, Tsinghua University, China         Panel Discussion 10:30- 10:35         Networking & Refreshment Break 10:35-10:55         Plenary Tolk         Title: The Computational Unified Field Theory's (CUFT) paradigmatic shift in 21" century physics         Jenary Tolk         Unoth Break 12:45-13:45         Vareup To		
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		Networking & Refreshment Break 15:50-16:10
Title: Gravity and light repel each other		Video Presentations
16:10-16:30	16.10 16.20	Title: Gravity and light repel each other

Iraj Khalilymoghadam, Iran

Title: A contradiction for law of energy conservation16:30-16:50

M Yusefzad, Amirkabir University of technology, Iran

Panel Discussion 16:50-16:55

Thanks Giving & Closing Ceremony