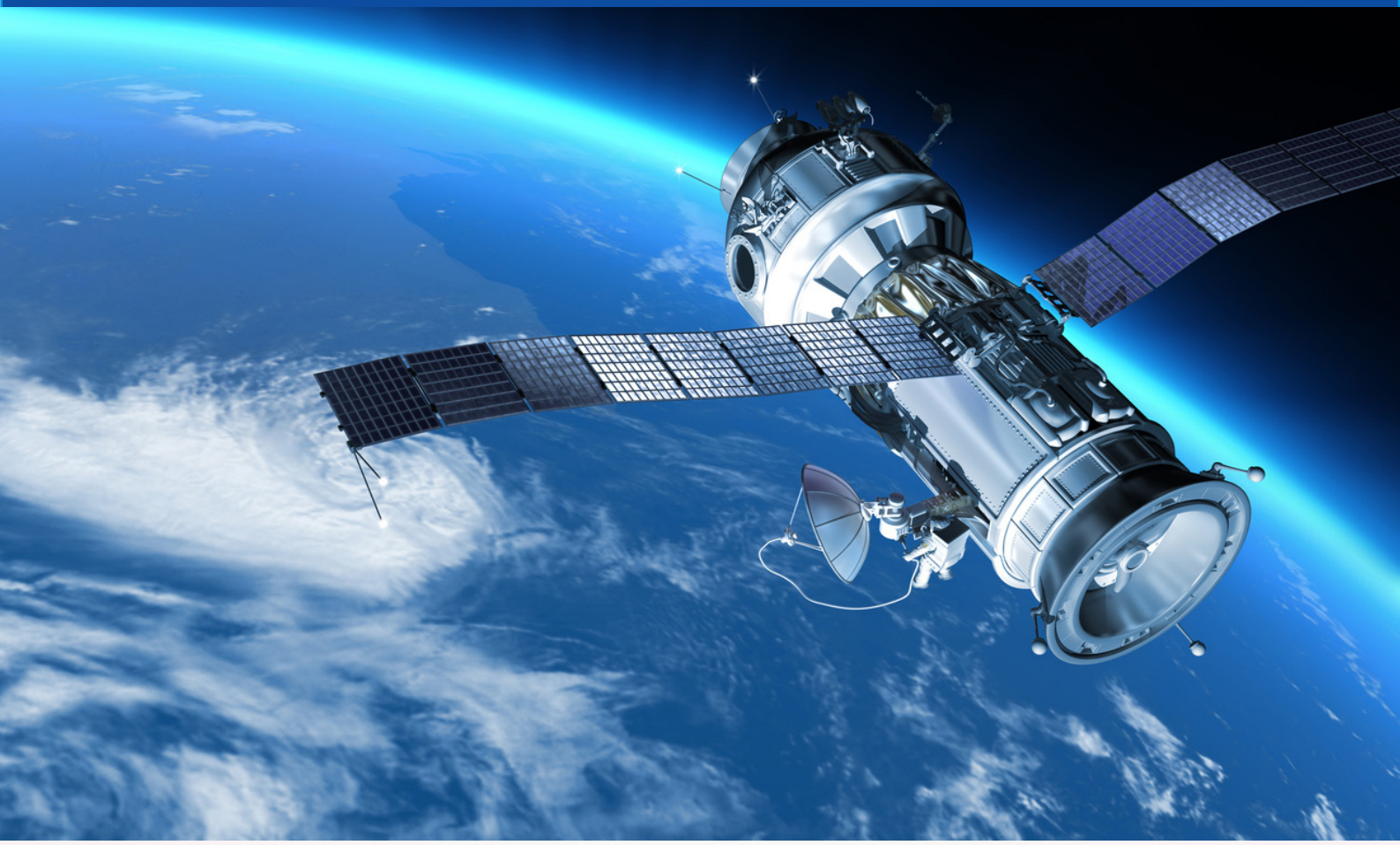
Tentative Program

3rd International Conference on

Astronomy and Space Science

October 18-19, 2018 Rome, Italy



Interactive Sessions

Keynote Lectures

Plenary Lectures

Workshops

Exhibitors

B2B Meetings

For available speaker slots

astrospace@physicsconferences.org

3rd International Conference on

Astronomy and Space Science

October 18-19, 2018 Rome, Italy

Program at a Glance

Day 1

Morning Sessions / Evening Sessions

Reception/Registration	08.00-09.00	
	Time	General Session
Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
	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)		
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

Morning Sessions / Evening Sessions

	Time	Session 1	Session 2
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			
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: http://astronomy-space.physicsmeeting.com/call-for-abstracts.php

Registration: http://astronomy-space.physicsmeeting.com/registration.php

Abstract Submission: http://astronomy-space.physicsmeeting.com/abstract-submission.php

Brochure: http://astronomy-space.physicsmeeting.com/conference-brochure.php

For more Details PS: http://astronomy-space.physicsmeeting.com

Email: astrospace@physicsconferences.org

Conference Highlights

- Astronomy
- The Universe
- Exoplanet
- Astronomical Spectroscopy
- Space Weather
- Astro-particle Physics & Cosmology
- High Energy Nuclear Physics
- Optical Astronomy
- Radio Astronomy
- Solar Astronomy
- Plasma & Space Physics
- Satellite Communication
- Infrared Astronomy



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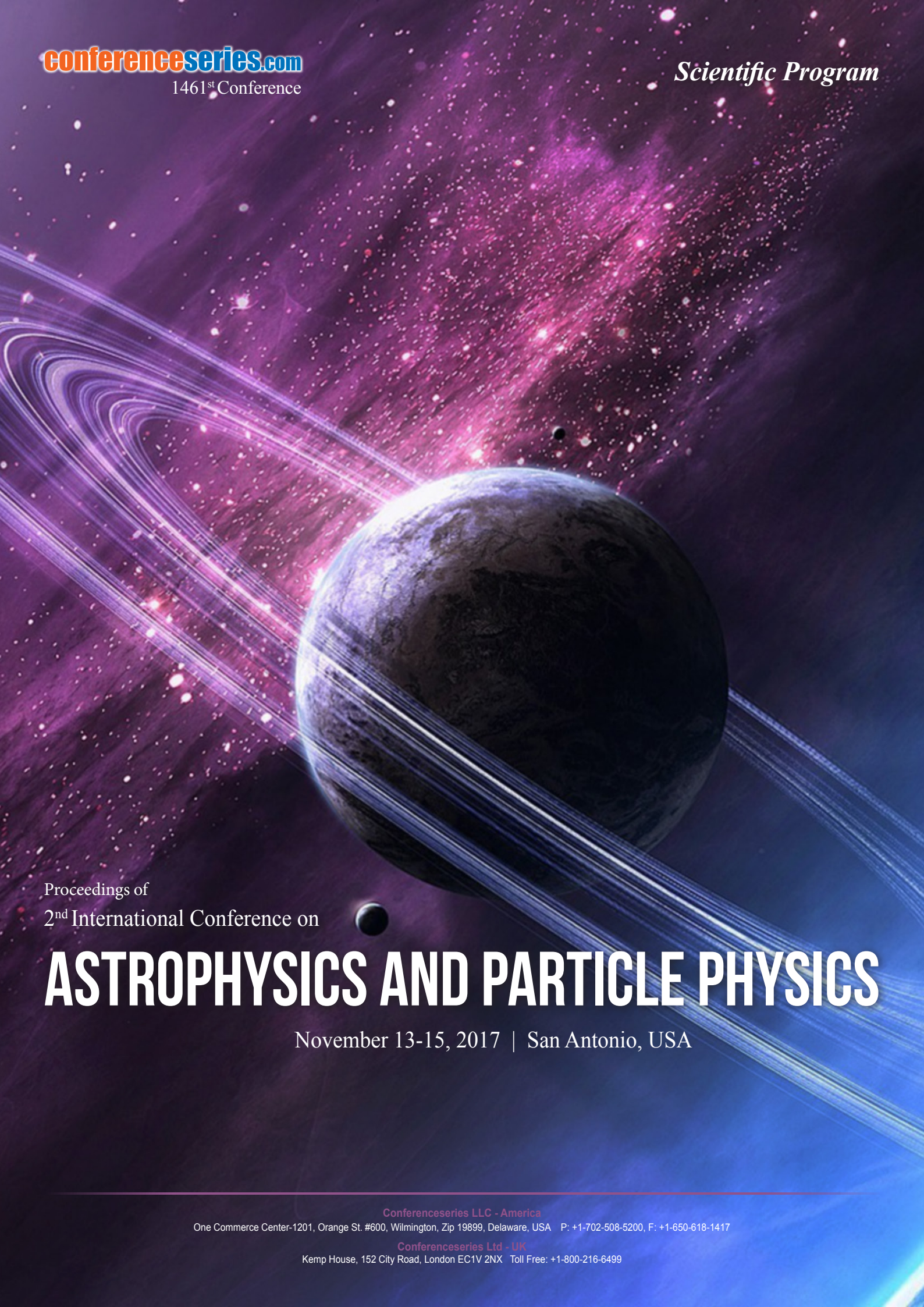
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Proceedings of
2nd International Conference on

ASTROPHYSICS AND PARTICLE PHYSICS

November 13-15, 2017 | San Antonio, USA

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Registrations

Conference Hall: Texas A

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Opening Ceremony

Keynote Forum

Introduction

Title: New views of fusion in the sun using studies of the charge symmetric reactions $T(T,^4He)2n$ and $^3He(^3He,^4He)2p$ at laser fusion facilities

Andrew Bacher, Indiana University, USA

Title: Solitons' dynamics in regions with sharp gradients of basic parameters of propagation medium

Vasily Yu Belashov, Kazan Federal University, Russia

Plenary Talk

Title: Does the computational unified field theory (CUFT) challenge the "Big-Bang theory"?

Jehonathan Bentwich, Brain Perfection LTD, Israel

Panel Discussion

Networking & Refreshment Break

Workshop on Status of condensed neutrino matter research

Title: Condensed neutrino objects as dark matter

P D Morley, Booz-Allen-Hamilton, USA

Title: Condensed neutrino object models and galaxy cluster data

D J Buettner, USA

Sessions:

Astrophysics and Space Science | Nuclear Astrophysics | Dark Matter and Dark Energy

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

Session Co-chairs: Ivan Zhelyazkov, Sofia University, Bulgaria

Session Introduction

Title: Black holes observed gates to a parallel universe

Ghassan H Halasa, University of Jordan, Jordan

Title: Scalar fields as dark matter

Tonatiuh Matos, Stanford University of Medicine, USA

Title: Multidimensional nonlinear ion-acoustic waves in a weakly relativistic plasma

Vasily Yu Belashov, Kazan Federal University, Russia

Panel Discussion

Group Photo 12:50-13:00

Lunch Break

Title: Kelvin–Helmholtz instability in solar jets observed by *Hinode* and *SDO*/AIA

Ivan Zhelyazkov, Sofia University, Bulgaria

Title: The γ-ray emission produced by protons that escape from supernova remnant G349.7+0.2

Xiao Zhang, Nanjing University, China

Title: Is dark matter present in our galaxy?

Piotr Gnaciński, University of Gdańsk, Poland

Title: Remarks regarding the dark matter problem

Anton Lipovka, Sonora University, Mexico

Title: Determination of classical distributions of electrons and ions with inertias containing Boltzmann relations and equation of electron to ion temperature ratio α for non-thermal plasma composition
Bhaben Chandra Kalita, Gauhati University, India
Title: About the dependence of the black-body force on space-time geometry and topology
Marcony S Cunha, Ceará State University, Brazil

Panel Discussion

Networking & Refreshment Break

Title: Burst astrophysics and macro object shell model
Vladimir S Netchitailo, BIOLASE, USA
Title: Evolution of the Universe
Ghassan H Halasa, University of Jordan, Jordan
Title: Alpha-decay energies of superheavy nuclei for the Fayans functional
Eduard E Saperstein, National Recearch Centre 'Kurchatov Insitute', Russia
Title: Nuclear stability from another point of view
Xiaodong Li, National University of Defense Technology, China

Panel Discussion

Day 2 November 14, 2017

Conference Hall: Texas A

Keynote Forum

Title: Weaknesses in the Big Bang Theory: The need for new theory
Ghassan H Halasa, University of Jordan, Jordan
Title: Nature of the cosmological constant and geometrical origin of quantization
Anton Lipovka, Sonora University, Mexico

Workshop

Title: Nonlinear dynamics of the 3D solitary Alfvén waves in the ionospheric and magnetospheric plasma
Vasily Yu Belashov, Kazan Federal University, Russia

Panel Discussion

Networking and Refreshment Break

Sessions:
Particle Physics | Cosmology | Gravitational Physics | High Energy Physics | Atomic and Molecular Astrophysics

Session Chairs: Anton Lipovka, Sonora University, Mexico
Session Co-chairs: Heng Xiao, Jinan University, China

Session Introduction

Title: Photodynamics: How massive photons, gravitons, gluons and neutrinos manage to travel at the speed of light
Robert J Martineau, NASA Goddard Space Flight Centre, USA
Title: Pauli principle and Clifford algebra
Claude Daviau, Fondation Louis de Broglie, France
Title: Analog of the Peter-Weyl theorem for Lorentz group and Y-Map in loop quantum gravity
Leo Perlov, University of Massachusetts, USA
Title: Proposed link between the periodic table and the standard model
John O Roberts, University of Liverpool, UK
Title: Asymptotic safety in quantum gravity: Renormalizability and beyond
Martin Reuter, University of Mainz, Germany
Title: Effect of differential cross section in Breit-wheeler pair beaming
Ribeyre X, University of Bordeaux, France

Panel Discussion

Lunch Break

Title: Accelerated expansion of a symmetric universe
M J Van Der Burgt, Delft University, Netherlands
Title: Hypersphere world–Universe model
Vladimir S Netchitailo, BIOLASE, USA
Title: Modeling of compact stars in embedding class one space time in general relativity
Sunil Kumar Maurya, University of Nizwa, Oman
Title: Physical and nonphysical modes in the light front formulation for the LC gauge and the Lorentz gauge conditions
Elżbieta Dzimida-Chmielewska, University of Białystok, Poland
Title: Deformable media with quantized effects
Heng Xiao, Jinan University, China
Title: Mixing of relativistic ideal gases with relative relativistic velocities
R E Gonzalez-Narvaez, ESFM IPN, México

Panel Discussion

Networking & Refreshment Break

Title: Superluminal representations in modern physical researches
Dmitri Kirko, Moscow Engineering Physics Institute, Russia
Title: Two groups of oppositely charged particles as building blocks for the start of the universe
M J Van Der Burgt, Delft University, Netherlands
Title: Plasma constraints on the cosmological abundance of magnetic monopoles and the origin of cosmic magnetic fields
M Medvedev, University of Kansas, USA
Title: Light energy from dipole repeller and its influence on motions of galaxies
Chidiebere Anigbo, University of Nigeria, Nsukka, Nigeria

Panel Discussion

Day 3 November 15, 2017

Conference Hall: Texas A

Keynote Forum

Title: The observed evidence of both invalidating black hole model at the galactic center and magnetic monopole existence
Qiuhe Peng, Nanjing University, China
Title: Wavy žTheory
Al Zahrani Abdullah, Warsaw University of Technology, Poland

Sessions:
Astronomy | Advanced Software in Astronomy | Space Missions & Satellite
Session Chairs: Qiuhe Peng, Nanjing University, China
Session Co-chairs: Mishra R K, SLIET, India

Session Introduction

Title: Collective effects in disk galaxies
Xiaolei Zhang, George Mason University, USA
Title: Asymptotic giant branch stars: Dust manufacturers of their host environments
Flavia Dell'Agli, Instituto de Astrofísica de Canarias, Spain

Panel Discussion

Networking & Refreshment Break

Title: Study on inversing method of ionospheric properties with spaceborne radar data
Xueqing Zhang, Montana Tech of the University of Montana, USA
Title: The Milky Way's supermassive black hole: How good a case is it? A challenge for astrophysics and philosophy of science
Andreas Eckart, University of Cologne, Germany
Title: Giant impact and the formation of the Colorado Plateau
Xiaolei Zhang, George Mason University, USA
Title: Stable field detection as a novel method for blind sensing of weak radio signals
Jakub Nikonowicz, Poznań University of Technology, Poland
Title: Implication of strong magnetic field near the galactic center (GC)
Qiuhe Peng, Nanjing University, China
Title: Comparative studies of cosmological models in alternative theory of gravity with LVDP and BVDP
Mishra R K, SLIET, India

Panel Discussion

Lunch Break

Title: Observational signature of grain growth in the protoplanetary disk around young star LkHα 330
Eiji Akiyama, National Astronomical Observatory of Japan, Japan
Title: Hypermassive black holes in the universe
Yu-Qing Lou, Tsinghua University, China
Title: Neutrino mixing in matter at extremely high energies
Bipin Singh Koranga, University of Delhi, India

Video Presentations

Title: Absorption coefficient across atmospheric troposphere layer
Wei Peng-Sheng, National Sun Yat-Sen University, Taiwan
Title: The fate and role of freely propagating cosmic photons in expanding universes
Hans Joerg Fahr, University of Bonn, Germany
Title: Direct observation of the strong (nuclear) interaction in the optical spectra of solids
V G Plekhanov, Fonoriton Sci Lab, Estonia
Title: Transportation process in the gravitational collapse
Hafiza Rizwana Kausar, University of Central Punjab, Pakistan

Panel Discussion

Networking & Refreshment Break

