Tentative Program

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3rd International Conference on

Astronomy and Space Science

May 02-03, 2019 London, UK

Speaker Slots Available

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Toll Free: +44-800-014-8923

Astronomy 2019 Invitation

May 02-03 | London, UK

Speaker Slots Available

Dear All,

We are extremely delighted to host the 3rd International Conference on Astronomy and Space Science.

Astronomy 2019 conference will be a common platform for leading researchers, scholars, scientists, professors, engineers, students and market leaders from all areas of Physics, Chemistry, Mechanical Engineering, Aerospace engineering, Aeronautics, Computational Space Science and other related areas like Plasma Physics, Particle Physics, Astrophysics, Planetary Science etc.

We invite your participation for this mega scientific event set to happen in London, UK this year as we start to prepare the dais for a grand discussion with the theme "Exploring the Energetic Universe".

Regards

Organizing Committee
Astronomy 2019 London



Speaker Slots Available

Astronomy 2019 London Germany conference calls for the newest and healthiest proposals for the Meet from researchers, industrial personnel and pioneering students.

This summit is designed to meet every nook and corner research topic related to the advancement in the research and development of Astronomy and Space Science such as Astronomy related academicians, industrialists and researchers etc.

Organizing Committee

TRACK

Cosmology | Astrophysics



Grant J. Mathews

University of Notre Dame,
USA

Biography:

Grant J. Mathews has completed Ph. D. in 1977 from University of Maryland. Grant J. Mathews is professor of Physics at University of Notre Dame, USA. Prof. Mathews' research interests involve the origin and evolution of matter in the universe from the first instants of cosmic expansion in the big bang to the present complex interactions of stars and gas in galaxies.

TRACK

Aerospace | Astrophysics



Lukasz Andrzej Glinka

Member of the American Association of International Researchers,
USA

Biography:

Lukasz Andrzej Glinka, born 5 October 1984 in Poland, is an active non-fiction writer whose books are dedicated to both science and humanities, author for a number of scientific and research papers in theoretical cosmology and physics, and editor at international science journals. He began in 2006 by a research work at the Joint Institute for Nuclear Research, Dubna, Russia, and got the Bachelor of Science degree in physics in 2010 at the Peoples' Friendship University of Russia, Moscow, Russia. His biography has been published by the Marquis Who's Who (Science and Engineering 2011-2012, World 2014), and he holds a membership of the American Association of International Researchers, the publishing group within the American Research Institute for Policy Development, New York, United States.

TRACK

Astronomy | Space Science



Susan McKenna-Lawlor

Founder of Space Technology Ireland,
Maynooth Universtiy, Ireland

Biography:

McKenna-Lawlor was the principal investigator for an experiment on the European Space Agency (ESA) Giotto mission. In 1986 she founded the space instrumentation company Space Technology Ireland Ltd (STIL) with venture capitalist Dermot Desmond. STIL manufactures instruments for space missions and McKenna-Lawlor is the managing director. McKenna-Lawlor led an international team of scientists in building a particle detector capable of detecting energies between 30 kiloelectronvolts and several megaelectronvolts for the Soviet Union's Phobos spacecraft in 1988. The success of the detector led Soviet scientists to ask her to contribute a similar device for their 1994 Mars mission. She developed instruments to monitor the solar wind on Mars for the ESA Mars Express mission.

TRACK

Aero-acoustics | Numerical Methods



Dimitris Drikakis

Professor, University of Starthclyde
United Kingdom

Biography:

Prof. Dimitris Drikakis is Associate Principal & Executive Dean (Engineering) as well as Professor of Engineering Science. He joined Strathclyde in July 2015. He was previously Head of the Institute of Aerospace Sciences and Director of Research of the School of Aerospace, Transport and Manufacturing at Cranfield University. Prior to his position at Cranfield University, Professor Drikakis held positions at Queen Mary University of London, the University of Manchester and the University of Erlangen-Nuremberg, Germany.

Prof. Drikakis expertise is in fluid mechanics, computational fluid dynamics (CFD) and nanotechnology (fluid/material interface). He is active in both fundamental and applied research, including technology transfer to industry and research establishments.

He has received twice (2008 and 2011) the William Penney Fellowship Award by AWE Plc in recognition of his contributions to compressible fluid dynamics.

Prof Drikakis also received the 2014 Innovator of the Year Award by the Innovation Institute for a new generation carbon capture technology that uses carbon nanotubes for filtering out carbon dioxide and other gases at low or zero energy cost. This platform technology has the potential to be used across a wide range of applications in the power generation, automotive, aerospace, chemical, marine and built environment sectors.

The Faculty of Engineering is on an upward path of continued success and Prof Drikakis's vision is to build on the existing strengths and successes - making a significant contribution to further grow the activities and strengthen the Faculty's standing nationally and internationally.

Speaker Slots Available

Organizing Committee

Speaker Slots Available

TRACK

Astronomy| Space Science



Qiu He Peng

Professor, Nanjing University, China

Biography:

Q. Peng is mainly engaged in nuclear astrophysics , particle astrophysics and galactic astronomy research. In the field of nuclear astrophysics, Peng's researches involve neutron stars (pulsars), the supernova explosion mechanism and the thermonuclear reaction inside the star, the synthesis of heavy elements and interstellar radioactive element such as the origin of celestial 26Al. 225 papers of him have be published.

TRACK

Astronomy | Space Science



M.A.K. Lodhi,

Professor, Texas Tech University, USA

Biography:

M.A.K. Lodhi has completed Ph. D. in Physics from University of London in 1963. Arfin Lodhi is Professor of Physics at Texas Tech University, USA. Recently, Professor M.A.K. Lodhi retired after having served the TTU Department of Physics for 50 years. Lodhi's research Interests include nuclear theory and structure; new and renewable sources of energy; advanced space power generation and management.

TRACK

Astronomy | Space Science



Sachiko Tsuruta

Professor, Montana State University, USA

Biography:

After receiving PhD in Physics from Columbia University in New York city, Tsuruta has been working in Harvard University, NASA Goddard Space Flight Center, Max-Planck-Institute in Munich Germany, etc., before she settled down as a tenured physics professor at Montana State University, Bozeman (MSU), Montana, USA until May 2016.

After Tsuruta retired from that tenured position, she has been continuing active at Montana State University as both emeritus professor and research professor, and also as affiliate professor at IPMU (Institute of Physics and Mathematics of Universe) in Tokyo University. She also served the following institutions as a visiting professor some time over the years: University of Cambridge UK, and ISAS (Space Institute in Japan), Tokyo University, Kyoto University, etc., in Japan.

TRACK

Astronomy | Space Science



Nikolaos K. Spyrou

Professor, Aristoteleion University of Thessaloniki, USA

Biography:

Nikolaos K. Spyrou is Professor of Astronomy at the Aristoteleion University of Thessaloniki, Greece, retired since 2011. He has taught extensively at both the under graduate and post graduated levels, conducted research work and lectured in many universities and research centers in Greece and abroad, and, also, served in many national and international administrational-scientific posts. His books and research articles belong to General Relativity Theory, Fluids, Gravitational Astrophysics, Environnemental Physis (and, secondarily, Space Physics, History of Astronomy, and Science Education), and, recently, Relativistic Cosmology combined with Thermodynamics for the polytropic Universe and its radical consequences and predictions.

Conference Directory

May 02-03 | London, UK

Day 1: Opening Ceremony

• Registrations	Final attendance of the participants
• Introduction	Day 1 kicks off by Moderator's introductory speech
• Guest's Speak	Briefing the conference theme by Honorable Guest

Day 1 Sessions

• Keynote Bout	Talks covering the Theme of the Conference
• Coffee Break	Coffee and Candid shots of the Group
• Oral Session 1	Astronomy & Space Science | The Universe
• Special Session	A exclusive Exhibitor hosted session/Workshop for effective B2B chance
• Luncheon	Networking over Lunch
• Oral Session 2	Astro-particle Physics & Cosmology | High Energy Nuclear Physics
• Coffee Break	Post-lunch coffee break session for networking
• Oral Session 3	Case studies/General discussions

Day 2 Sessions

• Keynote Bout	Re-opening the day with Keynotes again
• Coffee Break	Coffee and Networking
• Oral Session 4	Plasma & Space Physics | Space Missions & Satellite
• Luncheon	Networking over Lunch
• Oral Session 5	Astrochemistry & Astrobiology | Aerodynamics
• Coffee Break	Post-lunch coffee break session for networking
• Poster Session	Accepted Poster presentations
• YRF Presentation	Selected Students' Oral Presentations
• Closing Session	Award Ceremony & Thank you note by Moderator
• Coffee Break	Coffee and Refreshments

Speaker Slots Available

Available Slots



To Avail the slots contact:

astrospace@physicsconferences.org

To submit abstracts:

https://astronomy-space.physicsmeeting.com/abstract-submission.php

May 02-03 | London, UK

Speaker Slots Available

Exciting Opportunity For The Young Researcher Mind!!!

Young scholars are not just new intros in the scientific community; rather are the up surging minds with huge potential to take the advances in the Astronomy and Space Science segment to a height a new.

We'd love to have these exceptional students speak and share their ideas for a major Astronomy & Space Science session among themselves; attendees from education and industrial sectors.

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Speaker Slots Available

POSTER PRESENTATION

Put your thoughts on the canvas and showcase it to the participants. If you are looking forward to share your work with like-minded and similarly focussed people, then Poster would make a perfect path to join the heart of this conference.

YOUNG RESEARCHERS' FORUM

A very few students can hold on to the opportunity of giving an Oral Presentation along with those highly affiliated expert minds. Exceptional abstracts can grab this chance and exhibit their research verbally.

Industry Meets Science

May 02-03 | London, UK

Speaker Slots Available

INDUSTRY REPRESENTATIVE

Communicate the ideas on behalf of your organization in the form of a scientific talk or be a delegate to proxy your company's attendance at the Meet.

INTERATIVE BOOTHS

Showcase the latest product or service of your industry. Book your booth and avail free passes to the conference sessions.

B2B and B2A SESSIONS

At the Astronomy 2019, industries are welcome to display their products in the industrial exhibition, organise a symposium/workshop or benefit from many other sponsoring opportunities.

Experience the demonstration of finest ideas from best speakers of this field, meet with industry partners and customers, and examine recent market trends and opportunities- all over the luncheon and coffee break sessions.

Minimise this gap between the lab and the industry, meet your rivals and contemporary only at Astronomy 2019

For details of the conference click:
https://astronomy-space.physicsmeeting.com/

Sponsorship & Exhibiting Opportunities are open for benefits of and exposure among a diverse range of attendees at Astronomy and Space Science Conferences!!!

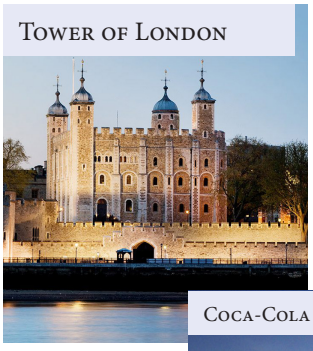
Speaker Slots Available

Being in London

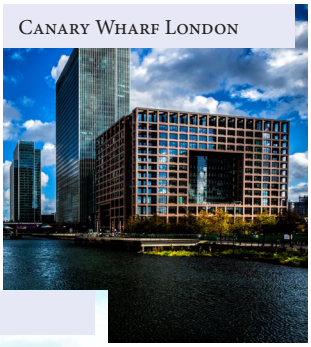
London is one of the pre-eminent financial centers of the world as the most important location for international finance. London has the fifth largest metropolitan economy in the GDP of the world. It is one of the leading tourist destinations in the world and in 2017 it was ranked as the most visited city in the world with over 66 million visits. Tourism is one of London's prime industries, employing the equivalent of 350,000 full-time workers and the city accounts for 54% of all inbound visitor spending in the UK. The top most-visited attractions in UK were all in London like The British Museum, The National Gallery, Natural History Museum, Tower of London, Southbank center and many more. There are five airports, though only one is in London. There is the London end of the London Birmingham canal, which was important to the industrial 19th century. The London Underground is a system of electric trains which are in London, United Kingdom. It is the oldest underground railway in the world. It started running in 1863 as the Metropolitan Railway. After the opening the system was copied in many other cities, for example New York and Madrid. Even though it is called the Underground about half of it is above the ground. The "Tube" is a slang name for the London Underground, because the tunnels for some of the lines are round tubes running through the ground. The Underground has got 274 stations and over 408 km of track. From 2006–2007 over 1 billion passengers used the underground.

Speaker Slots Available

London 2019

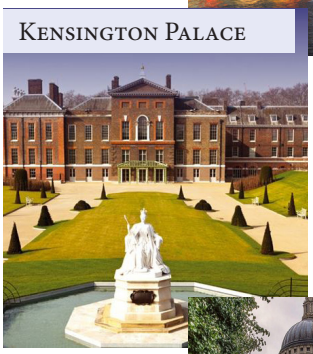

Tower of London


Buckingham Palace tour

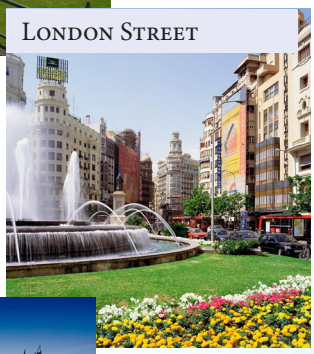

Canary Wharf London


Coca-Cola London Eye


Hyde Park


Kensington Palace


London Westminster


London Street


Medieval Cathedral


The View from The Shard

For Early Bird Confirmations

Speaker Slots Available

Astronomy 2019 London

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For more details, contact
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Scientific Relations Manager
Astronomy 2019 London
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E: **astrospace@physicsconferences.org**

Mailing Address:
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PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Planetary science with the large binocular telescope: The faint, the rapid, and the small.

Albert R. Conrad, PhD, LBTO, Arizona, USA

Biography: Dr. Conrad received his PhD in Computer Science from the University of California at Santa Cruz in 1994. He then worked as software engineer and support astronomer at both Lick and Keck Observatories before moving to the Max Planck Institute for Astronomy to lead the development of a next generation adaptive optics system. Currently, as staff scientist at the Large Binocular Telescope Observatory, he develops systems for high angular resolution and conducts research in planetary science.

Title: Star Formation Feedback: Galactic Winds Driven by Supernovae and Radiation Pressure.

Dong Zhang, PhD, University of Virginia, USA

Biography: Dong Zhang is a postdoctoral research associate working with Shane Davis. He is interested in theoretical astrophysics in general. Currently working or have worked on the theory of galactic winds, radiative transfer, numerical simulations of magnetohydrodynamics, feedback in star and galaxy formation and evolution, dark matter structure in early Universe, central engines of gamma-ray bursts, and accretion disks. I obtained my Ph.D. in astronomy from the Ohio State University, and my B.S. in astronomy from Nanjing University.

Title: Imprints of Coronal Mass Ejections on Coronal Structures

Nathalia Alzate, PhD, NASA GSFC, MD, USA

Biography: Nathalia Alzate has a background in Astrophysics. Her work involves the study of solar coronal dynamics by applying new image processing techniques to coronagraph data such as LASCO and STEREO and to EUV data such as AIA, EUVI and SWAP. Total solar eclipse data is also used for the study of the structural changes of the corona.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Parker Solar Probe: Results from the First Encounter

Nour E. Raouafi, Johns Hopkins University, Laurel, MD, USA

Biography: Nour E. Raouafi's completed his PhD in the year 2000 at the age of 27 years from Paris XI University (Orsay, France). He is a Senior Scientist at the Johns Hopkins University - Applied Physics Laboratory (Maryland, USA). He has published more than 34 papers in reputed journals. He is also the Project Scientist of the Parker Solar Probe mission. His main area of interest is the study of the dynamic solar corona via the analysis of spectral and imaging observations and theoretical interpretation of coronal emissions.

Title: Toward the 'global grandiose design' (ggd) for sustainability in space and time.

Robert Y. George, George Institute, North Carolina, USA

Title: A discussion of success_based systems engineering and the humility of hardware in the small spacecraft design process.

Sanny Omar, University of Florida, USA

Biography: Sanny Omar completed an undergraduate degree in aerospace engineering with minors in business, Spanish, and computer science at Auburn University. He is currently a PhD candidate in the Mechanical and Aerospace Engineering Department at the University of Florida and is funded by a NASA Space Technology Research Fellowship. During his educational career, Sanny has written over 15 papers and has completed internships at GE Aviation, SpaceX, and NASA Ames. He is currently working on an algorithm to enable spacecraft to de-orbit in a desired location by only controlling their ballistic coefficients.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Superheavy neutron stars as the source of the gravitational wave events

Trevor Marshall, Buckingham centre for Astrobiology, University of Buckingham, UK

Title: THINK UNIVERSE! Science as a cultural driver towards a better world

Francisco Diego, University College London, UK

Biography: Francisco Diego born in Mexico City, where he got his first degree in Mechanical Engineering. His career in Astronomy started at the Sociedad Astronomica de Mexico and the Planetario Luis E. Erro. He worked for several years at the Instituto de Astronomia, UNAM and then came to University College London where he got a PhD in Astronomy. Currently he is a Senior Teaching Fellow at the Department of Physics and Astronomy, UCL, vice president of the UK Association for Astronomy Education and a fellow of the Royal Astronomical Society.

Title: In situ exploration of Jupiter's satellites on JUICE, ESA mission to Jupiter

Marek Tulej, University Bern, Switzerland

Biography: Marek Tulej has completed his PhD from Basel University and habilitation from University Basel and University Bern, Switzerland. Currently, he is the staff member of Planetary Sciences and Space Research Division in Physics Institute, University Bern. He is involved in the development of a miniature analytical instruments for space missions. Currently, he is Co-I in the missions to the Moon (Luna Glob, Luna Resurs) and Jupiter satelites (JUICE). Marek has published more than 80 papers in reputed journals and has been serving as an editorial board member, journal and proposal reviewer.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Searching for microbial life on planetary surface

Marek Tulej, University Bern, Switzerland

Biography: Marek Tulej has completed his PhD from Basel University and habilitation from University Basel and University Bern, Switzerland. Currently, he is the staff member of Planetary Sciences and Space Research Division in Physics Institute, University Bern. He is involved in the development of a miniature analytical instruments for space missions. Currently, he is Co-I in the missions to the Moon (Luna Glob, Luna Resurs) and Jupiter satelites (JUICE). Marek has published more than 80 papers in reputed journals and has been serving as an editorial board member, journal and proposal reviewer.

Title: Open Clusters: Insight of the evolution of the Milky Way

Vladímir Jearim Peña Suárez, Museu De Astronomia E Ciências Afins, Brazil

Biography: Vladimir is Bachelor in Physics, Master and Ph. D. in Astronomy. His research is related with spectroscopic analysis of stellar populations, particularly in open clusters. He has experience too in photometric analysis os galactic morphology. Actually he works in astronomy education for basic school teachers of Rio de Janeiro city, in the project "Olhai pro céu carioca" (See to the carioca' sky) at the Museu de Astronomia e Ciências Afins (Astronomy and Related Sciences Museum) of Rio de Janeiro.

Title: WAVY ŽTHEORY

Alzahrani Abdullah, Alzahrani Space Innovation, Poland, CEO

Biography: Graduated in 2000 from King Faisal Air Academy- Riyadh-Saudi Arabia as Military Pilot (Bachelor degree in aero science) served in Royal Saudi Air Force for 14 years. I am interested in Physics research in General mainly Theoretical and Experimental physics and have the passion to change the world of physics.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Ruling out ~ 100-300 GeV thermal relic annihilating dark matter by radio observation of the Andromeda galaxy

Chan, Man Ho, The Education University of Hong Kong

Biography: Dr. Chan, Man-Ho obtained his Bachelor degree, Master degree and Doctoral degree in physics from The Chinese University of Hong Kong. He also finished his second Doctoral degree in philosophy at Hong Kong Baptist University. He is now an Assistant Professor of Department of Science and Environmental Studies, The Education University of Hong Kong. His research interests include Astrophysics, Cosmology, Philosophy of Science and dialogue between Science and Religion.

Title: Red supergiants in the inner disk of the milky way.

Maria Messineo, China

Title: Emergent gravity with two kinds of Gravitons –fermion graviton with mass for a molecular classical gravity and a mass less boson graviton for a quantum level action on quarks for a strong nuclear force.

Durgadas Datta, Director –Gnan Systems LLP, India

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Our Sun-Mars Geoaxial Binary System

Simon Shack, Italy

Title: Spectrophotometric studies of classical novae

Raj Ashish, Indian Institute of Astrophysics, India

Title: KACST cosmic ray eetectors for space weather monitoring

Abdullrahman H Maghrabi, King Abdulaziz City For Science and Technology, Saudi Arabia

Biography: Abdullrahman Maghrabi has his experience in the field of Terrestrial and extraterrestrial relationship. He is the leader of KACST detector laboratory and the founder of space and cosmic ray research activities in Saudi Arabia. He has more than 100 scientific papers and several talks in different international conferences.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Time iteration for repeatedly same orbital motion of objects in space

Areena Bhatti, University of Punjab, Pakistan

Biography: Areena bhatti did matric from American lycetuff school, Lahore, Pakistan with 983/1100 marks and did FSC(PRE ENGINEERING) WITH 843/1100 marks. Presently, she is studying space science from University of Punjab, Lahore ,Pakistan. She is third semester and her Gpa till now is 3.83. She loves to write research articles on astronomy topics.

Title: A theoretical model of astro-particles forming from a Bose-Einstein Condensate of gammons or mesons

Marius Arghirescu, State Office for Inventions and Trademarks, (OSIM), Romania

Biography: Marius Arghirescu is an independent scientist in physics and inventor and has a doctorate in science and engineering of materials, from Politechnica University- Bucharest. He has published three books and more than 30 papers as single author in national and international reviews and has more than 30 patented inventions.

Title: Obtaining some constraints on the early universe based on WMAP-9 and Planck by using DECIGO and BBO detectors

Basem Ghayour, Iran

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Periodicities and Singularities observed on IMF (Bz-component) and Auroral Electorjet (AE) Index during High Intensity Long Duration Continuous Auroral Activities

Binod Adhikari, St. Xavier's College, Maitighar, Kathmandu, Nepal

Biography: Binod Adhikari has completed his PhD in 2015 from Physics, National Institute for Space Research, Sao Paulo, Brazil and Master's degree in Science (M.Sc.), 2005, Major-Physics, Central Department of Physics, Tribhuvan University, Kathmandu, Nepal. Bachelor's degree in Science (B.Sc.), 2002, Major- Physics, Mathematics and Chemistry, Tri-Chandra Multiple Campus, Tribhuvan University, Kathmandu, Nepal.

Title: Effect of Solar X-ray Flares on VLF radio wave signal strength at 19.8 and 24 kHz received at Khatav(India) (16o46' N, 75o53' E)

Chandrakant More, Department of Physics, Miraj Mahavidyalaya, Miraj, Maharashtra/416410, India

Title: "Israel 70" – A potential test-bed for dealing with space big data

Dan Cohen, The Hebrew University of Jerusalem

Biography: Dan Cohen is PhD candidate specializing in nuclear physics, in parallel to his MBA studies specializing in big data at the Hebrew University of Jerusalem (HUJI) and International Space University alum, and member of MUSE collaboration which trying to solve the "proton radius puzzle". Among His achievements he developed a positron particle accelerator for NTD, the first of its kind in Israel and was chosen as one of 40 under 40 most promising researchers of TheMarker journal for 2016

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Effect of Ratation and Self-gravity on propagation of MHD Waves

Daniel Atnafu Chekole, Ethiopia

Title: More than two thousand new periodic orbits of three-body problem

Shijun Liao, China

Title: About of calculation of the interaction between fields of the various physical nature

S.O. Gladkov, Moscow Aviation Institute (national research University) (MAI) 125997, Volokolamskoe sh, 4. Moscow, Russia.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Effect of Ratation and Self-gravity on propagation of MHD Waves

Daniel Atnafu Chekole, Ethiopia

Title: On the origin of Fe Kα LINE IN mCV FO AQR

Esaenwi Sudum, Nigeria

Title: Mass and its changing mode with speed) Density and its expansion in Einstein's relativity)

Zeynab Farnam, Semnan University, Iran

Biography: I have a master's degree in remote sensing from the University of Twente in the Netherlands and another graduate degree in Light Physics from the University of tehran in iran. I am currently a PhD student..

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PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Anisotropic quantum cosmology and effects of preferred reference frames

Hossein Ghaffarnejad, Semnan University, Iran

Biography: Hossein Ghaffarnejad completed his PhD in the year 2006 at the age of 38 years from Shajid Beheshti University (Iran). He is the Professor (Associate) of Semnan University of Iran. He has published more than 20 papers in reputed journals and has been serving as an editorial board member of the EOAA journal.

Title: Apogee-2 and Gaia-2 view of chemically anomalous giant stars

Jose Fernandez Trincado, Chile

Title: Evolution of Coronal and interplanetary shock waves inferred from radio burst

Khaled Alielden Mohamed, Egypt

Biography: Khaled Alielden completed his master's degree studies in the year 2018 from Helwan University. His Specialized is Space physics. He is Teaching Assistant at Physics Department and researcher at Space Weather Monitoring Center at Helwan University, a researcher at Faculty of Computer and Information Sciences -University.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Experimental study of optical turbulence in interstellar medium by Phase Screens

Masoud Rezaei, Damghan University Iran

Biography: Masoud rezaei completed his MSC student in the year 2016 at the age of 30 years from Damghan University. He is the physics teacher in Damghan city schools. he is skilled in advising and educating students. His goal is to increase the science of students in the field of astronomy and astrophysics.

Title: Interstellar Extinction Curves in Orion Nebula

Mohammed Azeez Saeed, College of Basic Education, Salahaddin University-Erbil-Iraq

Biography: Mohammed Azeez Saeed has his expertise in Astronomy, Universe and interstellar dust grains teaching and research.

Title: A study of orientation – based unification scheme for high - excitation galaxies and quasrs

OKOBI. E. P, University of Nigeria, Nsukka, Enugu State

Biography: Okobi.E. P has his expertise in Astronomy and Astrophysics

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Different types of Lightning Electric Field Waveforms Observed in Kathmandu, Nepal

Pitri Bhakta Adhikari, Central Department of Physics, Tribhuvan University, Kirtipur, Nepal.

Biography: Pitri Bhakta Adhikari completed his PhD in the year 2018, recently from Tribhuvan University. He is the Assistant Professor of Tribhuvan University. Pitri Bhakta Adhikari is an Assistant Professor of Physics at the Tribhuvan University, Nepal.

Title: Different types of Lightning Electric Field Waveforms Observed in Kathmandu, Nepal

Bibek Regmi, College of Electrical and Mechanical Engineering, Hohai University, China

Biography: Mr. Bibek Regmi completed his first Master's in Aircraft Manufacturing in the year 2015 from Nanjing University of Aeronautics and Astronautics and currently ongoing his second Master's in Mechanical and Electrical Engineering in the HOHAI University, China.

Title: Possible implications for discovery of strong radial magnetic field at the galactic center

Qiu-He Peng, Nanjing University, China

Biography: Q. Peng is mainly engaged in nuclear astrophysics , particle astrophysics and galactic astronomy research. In the field of nuclear astrophysics, Peng's researches involve neutron stars (pulsars), the supernova explosion mechanism and the thermonuclear reaction inside the star, the synthesis of heavy elements and interstellar radioactive element such as the origin of celestial 26Al.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Theory of gyroscopic effects

Ryspek Usubamatov, Doc. Tech. Sc. Kyrgyz State Technical University named after I. Razzakov, Kyrgyzstan

Biography: Dr. Eng. Ryspek Usubamatov graduated from Bauman Moscow State Technical University. He is Professional Engineer in Mechanical, Manufacturing and Industrial Engineering, completed Ph.D. in 1972 and Dr. Tech. Sc. in 1993. He worked as engineer at a company and lecturer in universities of Kyrgyzstan and Malaysia.

Title: Why are Gamma-Ray Bursts Bright in Gamma-Rays?

Shigehiro Nagataki, Chief Scientist (Director), Japan

Title: Hazards to humans exploring interplanetary space

Susan M. P. McKenna-Lawlor, Maynooth Universtiy, Ireland

Biography: McKenna-Lawlor was the principal investigator for an experiment on the European Space Agency (ESA) Giotto mission. In 1986 she founded the space instrumentation company Space Technology Ireland Ltd (STIL) with venture capitalist Dermot Desmond. STIL manufactures instruments for space missions and McKenna-Lawlor is the managing director.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Time Series UV Spectral Analysis of the Herbig Ae Star + Protoplanetary Disk HD 163296

Gerard Michael Williger, Associate Prof, U Louisville and Konkoly Observatory, USA

Biography: Gerard Williger earned his PhD in 1991 from Cambridge U. He has been at U. Louisville since 2005, and is currently a Fulbright Fellow at Konkoly Observatory. His research fields are proto-planetary disks, quasar absorption systems and large scale structure.

Title: Meteorite fall in the Vinales Valley, Cuba, February 1, 2019

Oscar Alvarez Pomares, Cuban Science Academy Science, Cuba

Title: Astronomical Radioactive Space Elements in Helium Operated Laser Events: The ARSEHOLE Project

James Tiberius Kirk, The Western Arts Tertiary School, University of Southern North England, UK

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Observations of high-energy ball lightning and explanation of its energy content

Anatoly I. Nikitin, Talrose Institute for Energy Problems of Chemical Physics, Russian Academy of Sciences, Russian Federation

Biography: Anatoly I. Nikitin received his Candidate of Sciences degree in the year 1964 from P.N. Lebedev Physical Institute, Russian Academy of Sciences, and his Doctor of Sciences degree in the year 1989 from L. Ya. Karpov Physical-Chemical Institute.

Title: Scheduling resources of satellite constellations for emergency earth observation

Mohamed Atef Mosa, PhD, National Authority for Remote Sensing and Space Sciences, Cairo, Egypt

Biography: He has received B.Sc., M.Sc., and Ph.D. from the Faculty of engineering, computer, and system engineering department, Al-Azhar University. He is now, Head of QMS Assembly, Integration, and Test Center of Satellites, NARSS, Cairo, Egypt.

Title: Information Geometry for Data Characterization and Representation

Christopher Terence John Dodson, Professor, University of Manchester, UK

Biography: Kit Dodson completed his PhD in 1969 and was then appointed to a Lectureship in Mathematics at the University of Lancaster, UK, becoming Head of Department 1984-89. He took up a Senior Research Chair at the University of Toronto, Canada, 1989-96. Moving to the University of Manchester, UK, in 1996, as Professor, he subsequently became Emeritus Professor of Mathematics.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Polar and Space Sciences towards understanding the Universe

Merieme Chadid, University of Côte d'Azur, France

Biography: Merieme Chadid is an Astronomer at University of Côte d'Azur in France. Her research fields are focused on the stellar physics, in particular stellar evolution and pulsation towards an understanding of the structure and evolution of the Universe, by use of different techniques and methods of space and ground-based observations.

Title: On the nature of dark energy

Konstantinos D. Kleidis, Associate Professor, Head of the Mechanical Engineering Department, TEI CM, Greece

Biography: Associate Professor Kostas Kleidis is a Faculty Member of the Mechanical Engineering Department at the Technological Education Institute of Central Macedonia, Greece (since March 2010) and Head of the Department (since September 2010). His scientific interests include General Relativity, Theoretical Cosmology, and Quantum Gravity.

Title: Dark Matter, Sterile Neutrino and their model in High Energy Physics

Rathin Adhikari, Assistant Professor, India

Biography: Rathin Adhikari completed his PhD in the year 1993 at the age of 31 years from Visva-Bharati University, India. He is the Assistant Professor at the Centre for Theoretical Physics of Jamia Millia Islamia (Central University), New Delhi, India. The Centre is a premier research centre in Theoretical Physics particularly in the Cosmology, High Energy Physics and Quantum informations.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: The Probabilistic Universe and the Quest for a Natural Lagrangian

Martin Tamm, Dept. of Mathematics, Univ. of Stockholm, Sweden

Biography: Martin Tamm is a senior lecturer at the Department of Mathematics at the University of Stockholm. Although starting out as a mathematician with complex analysis and the theory of singularities as specialty, and later on working in the area of statistical mechanics, he is now mainly interested in fundamental questions in physics.

Title: Experimental study of optical turbulence in interstellar medium by Phase Screens

Masoud Rezaei, Iran

Biography: Masoud Rezaei completed his MSC student in the year 2016 at the age of 30 years from Damghan University. He is the physics teacher in Damghan city schools. he is skilled in advising and educating students. His goal is to increase the science of students in the field of astronomy and astrophysics.

Title: Skyrora: From Scotland to Space

Katie Miller, Business Development Executive, Skyrora Ltd, UK

Biography: Katie Miller completed her undergraduate studies in 2018. Before graduating, she started working with Skyrora part time and went full time once she has finished. She has a great passion in Space and the Launch industry.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Anisotropic quantum cosmology and effects of preferred reference frames

Hossein Ghaffarnejad, Associate Proffessor, Iran

Biography: Hossein Ghaffarnejad completed his PhD in the year 2006 at the age of 38 years from Shajid Beheshti University (Iran). He is the Professor (Associate) of Semnan University of Iran. He has published more than 20 papers in reputed journals and has been serving as an editorial board member of the EOAA journal.

Title: Why are Gamma-Ray Bursts Bright in Gamma-Rays?

Shigehiro Nagataki, Chief Scientist (Director), Japan

Biography: Anatoly I. Nikitin received his Candidate of Sciences degree in the year 1964 from P.N. Lebedev Physical Institute, Russian Academy of Sciences, and his Doctor of Sciences degree in the year 1989 from L. Ya. Karpov Physical-Chemical Institute.

Title: Hazards to humans exploring interplanetary space

Susan M. P. McKenna-Lawlor, Maynooth Universtiy, Ireland

Biography: McKenna-Lawlor was the principal investigator for an experiment on the European Space Agency (ESA) Giotto mission. In 1986 she founded the space instrumentation company Space Technology Ireland Ltd (STIL) with venture capitalist Dermot Desmond. STIL manufactures instruments for space missions and McKenna-Lawlor is the managing director.

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: Superheavy neutron stars as the source of the gravitational wave events

Trevor Marshall, Buckingham centre for Astrobiology, University of Buckingham, UK

Title: On the possibility to detect spatio-temporal variations in location and form distribution of astronomical objects with non-matrix recording system

A. E. Martirosyan, Doctor of Phys.-Math., Institute for Physical Research, NAS, Republic of Armenia

Biography: Artur Martirosyan completed his PhD in the year 1985 at the age of 28 years from Institute for Physical Research. In 2012, he defended his doctoral dissertation and received the degree of Doctor of Phys.-Math. Sciences.

Title: Simulation of electron power load distribution in small size divertor tokamak

A.H. Bekheit, Plasma & Nuclear Fusion Department, Nuclear Research Centre, Atomic Energy Authority, Cairo, Egypt

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: INS/GPS/AIR Data Navigation of Autonomous Vehicles: Nonlinear and Deep-Intelligent Filters' Implementation by Windows/Linux based Microprocessors

Jafar Keighobadi, Associate Professor, University of Tabriz, Iran

Biography: Jafar Keighobadi has his expertise in Control, Signal Processing and Artificial Intelligence together with Programming and Implementation on Micro-controller/processor Boards.

Title: GeneLab: "Omics" Data System for Space Biology Research

Afshin Beheshti, Assistant Professor, USA

Biography: Dr. Afshin Beheshti completed his PhD from Florida State University in physics and made a transition to cancer and radiation biology for his postdoctoral training. His diverse background gave him a unique systems biology approach in researching space biology, cancer, and radiation biology.

Title: About a common field theory from the point of view spacing – time oscillations.

S.O. Gladkov, Moscow aviation institute (national research university) (MAI) Volokolamskoe shosse, 4. 125993. Moscow, Russia

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: How the Universe is expanding

Dannana Shrikrishna Vara Ravi Prakash, India,

Title: GeneLab: On the energetic wave exchange between the central gravitating body and orbital moving body under mechanical equilibrium condition

Alexander M. Krot, Professor, United Institute of Informatics Problems of the National Academy of Sciences of Belarus, Republic of Belarus

Biography: Professor, DSc Alexander M. Krot is a Head of the Laboratory of Self-Organization System Modeling at the United Institute of Informatics Problems of the National my of Sciences of Belarus.

Title: Efimov physics snd few-body approximation in nuclear, atomic and molecular physics

S.Pozdneev, P.N.Lebedev Physical Institute, Department Quantum Radiophysics, Laboratory of Photochemical Processes, Leninskiy pr.53, 119924 Moscow, Russia

PROVISIONAL PROGRAM

Tentative Speakers

Speaker Slots Available

Title: On the Effects of Different Perturbations Applied to the Black Hole-Torus Systems

Orhan Donmez, PhD, American University of the Middle East, Kuwait,

Biography: Orhan Donmez completed his PhD in the year 2002 from Drexel University, USA. He is currently working as the Associate Professor at American University of the Middle East in Kuwait. He has published more than 23 papers in reputed journals and has been serving as an editorial board member of two Astrophysical Journals.

Title: Journey Through The Dark Monster

Pradyumn Mane, India

Title: Enhanced compressive mechanical properties of auxetic lattice structures filled with polymer

Fusheng Han, Key Laboratory of Materials Physics, Institute of Solid State Physics, Chinese Academy of Sciences, China

Biography: Fusheng Han completed his PhD in the year 1997 at the age of 42 years from Institute of Solid State Physics, Chinese Academy of Sciences. He is the Professor of ISSP, Chinese Academy of Sciences. He has published more than 70 papers in reputed journals.