

SCON ASTRO PHYSICS-2019

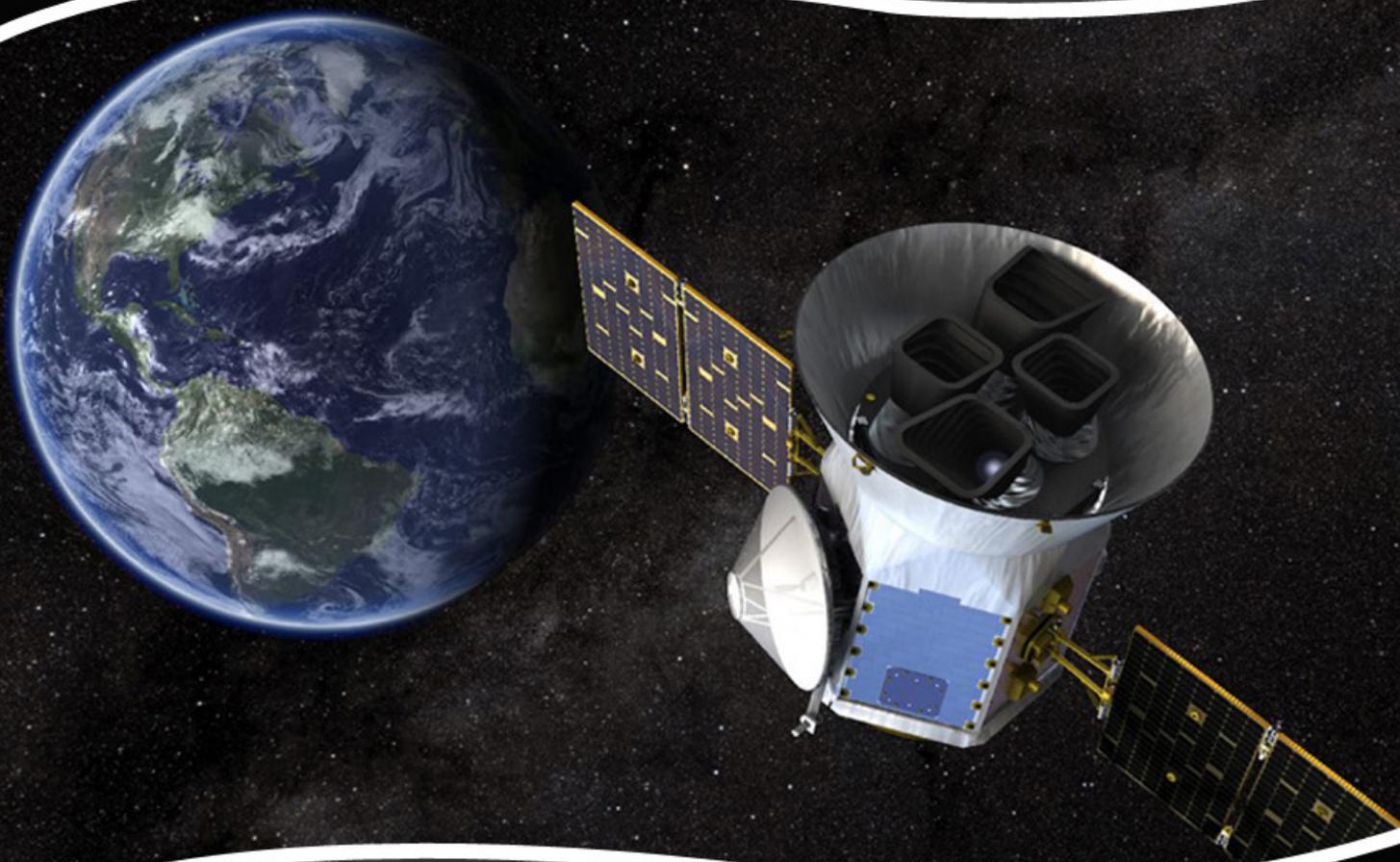
Final Scientific Program

**SCON International Convention on
Astro Physics and Particle Physics**

May 23-24, 2019 | Amsterdam, Netherlands

particlephysics@scon.online

<http://particlephysics.scholarenaconferences.com>



Organized by



SCHOLARENA

Theme:

*Collaborating Particle Physics and
Astrophysics Concepts Towards
Understanding the Mechanism
of Universe*



Day 1 - May 23, 2019 @ Sky Meeting

09:00 - 09:30 Registrations

09:30 - 10:00 Opening Ceremony & Introduction

Plenary talk

10:00 - 10:45 **Computational Green's Function Approach to Boundary Value Problems Arising in Applied Mechanics**

Yuri Melnikov, Middle Tennessee State University, USA

Keynote Forum

10:45 - 11:20 **Discovery of Temporal Universe**

Francis T S Yu, Pennsylvania State University, USA

Networking & Refreshment Break (11:20 - 11:35) @ Romeo

11:35 - 12:10 **Private Property Rights and the Public Interest in Exploration of Outer Space**

Frans Gerhard von der Dunk, University of Nebraska-Lincoln, USA

Scientific Sessions

Session Introduction

Session Chair: Jezdimir Knezevic, MIRCE Academy, UK

Session Co-chair: Edward Kansa, Convergent Solutions, USA

Speaker Forum

12:10 - 12:35 **MIRCE Science Analysis of the Impact of Cosmic Radiation on Functionability Performance of Spacecraft**

Jezdimir Knezevic, MIRCE Academy, UK

12:35 - 13:00 **Myths Concerning the Efficiencies of Compactly Supported Numerical Schemes**

Edward J Kansa, Convergent Solutions, USA

Lunch Break (13:00 - 14:00) @ Romeo

14:00 - 14:25 **Non-Markovian Brownian Motion in a Magnetic Field**

Jose Ines Jimenez-Aquino, The Metropolitan Autonomous University, Mexico

14:25 - 14:50 **Astronomical Evidence of Magnetic Monopoles and its Implication**

Qiu He Peng, Nanjing University, China

14:50 - 15:15 **Communication with Quantum Limited Subspace**

Francis T S Yu, Pennsylvania State University, USA

15:15 - 15:40 **Science, Technology and Innovation (STI) in the Age of Globalization --- Including Astro-Physics**

Aderemi Oluyomi Kuku, National Mathematical Centre, Nigeria

15:40 - 16:05 **Correlations between Solar Flares Events and Am-241 Radiation Count-Rates**

Itzhak Orion, Ben Gurion University of the Negev, Israel

Networking & Refreshment Break (16:05 - 16:20) @ Romeo

16:20 - 16:45 **The Hydrogen Atom in a Circularly Polarized (CP) Microwave Field: An Approach to Regular and Chaotic Motion**

Merce Olle, Polytechnic University of Catalonia, Spain

16:45 - 17:10 **Life Origination Hydrate Theory (LOH-Theory) and PFO-CFO Theory of Solar System Formation and Transformation: Life Origination and Extinctions as the Phenomena of Astrophysics and Astrochemistry**

Victor E Ostrovskii, Karpov Institute of Physical Chemistry, Russia

17:10 - 17:35 **Structure for Energy, A Core Principle of the Integron Theory of the Living System — Shifting the Question from “what is life” to “what is live”**
Shu-Nong Bai, Peking University, China

17:35 - 18:00 **The Batch Test of PMTs with High Dynamic Range for LHAASO**
Xin Li, University of Science and Technology of China, China

Voice of Young Researcher

18:00 - 18:20 **Statistical Models Based on a q-logarithm Transformation**
Adriana Irina Bancescu, National Institute of Economic Research “Costin C. Kiritescu”, Romania

Panel Discussions

Day 2 - May 24, 2019 @ Sky Meeting

Keynote Forum

09:00 - 09:35 **Quark-gluon Plasma, in Heavy Ion Collisions and Cosmology**
Edward Shuryak, Stony Brook University, USA

09:35 - 10:10 **About use of Medipix/Timepix Hybrid Pixel Detectors for Noiseless Tracking of Energetic Particles in Fundamental and Applied Physics, and in Space**
Stanislav Pospisil, Czech Technical University in Prague, Czech Republic

Scientific Sessions

Session Introduction

Session Chair: Victor E Ostrovskii, Karpov Institute of Physical Chemistry, Russia

Session Co-chair: Qin Zhou, Beijing Institute of Spacecraft Environment Engineering, China

10:10 - 10:35 **Solar Protuberances: Their Nature, Function, and Potential Threat to the Earth’s Population in the Context of the PFO-CFO Theory of Solar System Formation and Transformation**
Victor E Ostrovskii, Karpov Institute of Physical Chemistry, Russia

10:35 - 11:00 **An Autonomous Circulation Miniature Integrated Nuclear Reactor Design for Space Application**
Qin Zhou, Beijing Institute of Spacecraft Environment Engineering, China

Networking & Refreshment Break (11:00 - 11:15) @ Romeo

Speaker Forum

11:15 - 11:40 **The Quantum Character of the Scalar Field Dark Matter**
Tonatiuh Matos Chassin, University of British Columbia, Mexico

11:40 - 12:05 **Analytical Solution to Non-Singlet DGLAP Integro-Differential Equation with Running Gauge Coupling in N++LO order**
Igor Kondrashuk, University of Bio-Bio, Chile

12:05 - 12:30 **The Ghost of Schrodinger’s Cat**
Francis T S Yu, Pennsylvania State University, USA

12:30 - 12:55 **Relativistic Equipartition of Kinetic Energies for Geodesic Self-Acceleration of Thermomechanical Bodies**
Igor Buluzhenkov, Moscow Institute of Physics and Technology, Russia

Lunch Break (12:55 - 14:00) @ Romeo

14:00 - 14:25 **Laser Experiment for Dark Matter and Dark Energy Search**
Miroslav Sulc, Technical University of Liberec, Czech Republic

14:25 - 14:50 **Core/Shell Structured Diamond/Akageneite Hybrid Particles for Enhanced Polishing**
Xipeng Xu, Huaqiao University, China

14:50 - 15:15 **Study of Electron Beam - Plasma Interaction to Explain Solar Radio-Flares and to Generate Megawatt Power in THz Frequency Range**
Andrey V Arzhannikov, Budker Institute of Nuclear Physics, Russia

Invited Forum

15:15 - 15:40 **Structural, Electrical and Photoluminescence Study of PECVD Amorphous Silicon Carbide Films Irradiated with Neutrons**
Jozef Huran, Slovak Academy of Sciences, Slovakia

15:40 - 16:05 **Can our Universe be Understood? New Theory of Gravity and Inertia**
Milan Kalal, Institute of Plasma Physics, CAS, Czech Republic

Networking/Refreshment Break and Poster Session (16:05 - 16:25) @ Romeo

Poster Presentations

POSTER-001 **The Experience of Cosmology Course for Beginners**
Jan Novotny, Masaryk University, Czech Republic

POSTER-002 **Room Temperature Plasmon Laser Emitted from Metallic Fabry-Perot Cavities**
Qiuling Wen, Huaqiao University, China

POSTER-003 **Multiscale Analysis of Materials Removal Interference Mechanisms for Double Scratching of Monocrystalline Silicon Carbide by Coupling FEM and SPH**
Hui Huang, Huaqiao University, China

POSTER-004 **TiO₂-Coated Diamond Particles for Photocatalysis Assisting Mechanical Polishing**
Jing Lu, Huaqiao University, China

e-Posters

POSTER-005 **"Zwicky Confirmed" is the Most Life-Saving Revolution in the History of Science**
Otto E Rossler, University of Tübingen, Germany

POSTER-006 **Planetary Protection against Asteroids: A View from Russia**
Nikolay Ivanovich Krobka, Research Institute for Applied Mechanics named after Academician V. I. Kuznetsov, Russia

POSTER-007 **Effects of Rotation Around the Axis on the Stars, Galaxy and Rotation of Universe**
Weitter Duckss, Independent Researcher, Croatia

POSTER-008 **Investigation of Forbush Decreases and other Solar/Geophysical Agents Associated with Lightning over the US Latitude Band and the Continental Africa**
Okike Ogbonnaya, Ebonyi State University, Nigeria

Invited Forum

16:25 - 16:50 **Translation and Rotational-Oscillation Expected in Diamagnetic and Paramagnetic Particles Induced by Low Magnetic Field in Microgravity Area**
Chiaki Uyeda, Osaka University, Japan

16:50 - 17:15 **Manifestation and Disintegration of the Matter in Space-Time, and Age of the Universe: An Isotopic Perspective**
Satya P Gargi, Houston, USA

17:15 - 17:40 **The Economic Impacts of the Commercial Space Industry**
Kelly Whealan George, Embry-Riddle Aeronautical University, USA

17:40 - 18:05 **Novel Non-Equilibrium Phase Transition and Cooling Neutron Stars**
Xiaoping Zheng, Central China Normal University, China

18:05 - 18:30 **Inflation as a Spontaneous Symmetry Breaking of Weyl Symmetry**
Tomislav Prokopec, Utrecht University, Netherlands

Panel Discussions

Video Presentations (18:30 - 18:50)

Quaternion Algebra on 4D Superfluid Quantum Space-Time: Equations of the Gravitational-Torsion Fields

Valeriy Sbitnev, Kurchatov National Research Centre, Russian Federation

The Comparison of Delayed Self-Heterodyne Setups to Characterize a Semiconductor Laser Line width using Interferometric or Recirculating Fiber-Optic Delay Line Technique

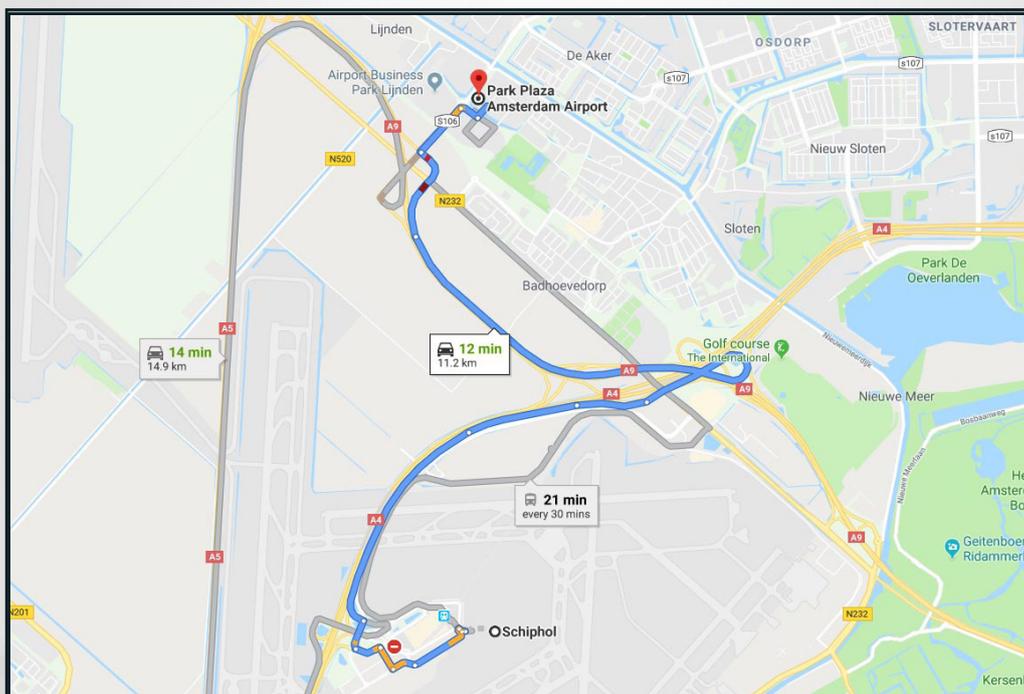
Mikhail Belkin, Moscow State Technological University, Russian Federation

Closing and Award Ceremony

Get lasting Visibility for your Research

Thank you to each and every one of you for being here with us today!
We sincerely hope you will enjoy the conference and networking.

Guide to Park Plaza Amsterdam Airport



Program at a Glance

SCON Astro Physics - 2019



Day -1 (23 May, 2019)

09:00 Registrations
09:30

11:20 Break
11:35

14:00 Scientific Session-II
16:05

18:00 Voice of Young
18:20 Researcher

09:30 Opening Ceremony
10:00 & Introduction

11:35 Keynote Continues
12:10

13:00-14:00 Lunch

16:05 Break
16:20

Panel Discussion

10:00 Plenary & Keynote
11:20 Forum

12:10 Scientific Session-I
13:00

16:20 Scientific Session-III
18:00

Day -2 (24 May, 2019)

09:00 Keynote Forum
10:10

11:15 Scientific Session-II
12:55

14:00 Scientific Session-III
15:15

16:25 Invited Session-II
18:30

10:10 Scientific Session-I
11:00

12:55-14:00 Lunch

15:15 Invited Session-I
16:05

18:30 Video Presentations
18:50

11:00 Break
11:15

16:05 Poster Session &
16:25 Break

Panel Discussion

Closing and Award Ceremony

Venue Address:

Park Plaza Amsterdam Airport
Melbournestraat 1
Lijnden 1175 RM
Netherlands
LAT: 52.348409 LONG: 4.766092

Moderator: Jose Ines Jimenez-Aquino, The Metropolitan Autonomous University, Mexico

Day 1

Session Chair: Jezdimir Knezevic, MIRCE Akademy, UK
Session Co-Chair: Edward Kansa, Convergent Solutions, USA

Hall name: Sky meeting
Lunch and Break: Romeo

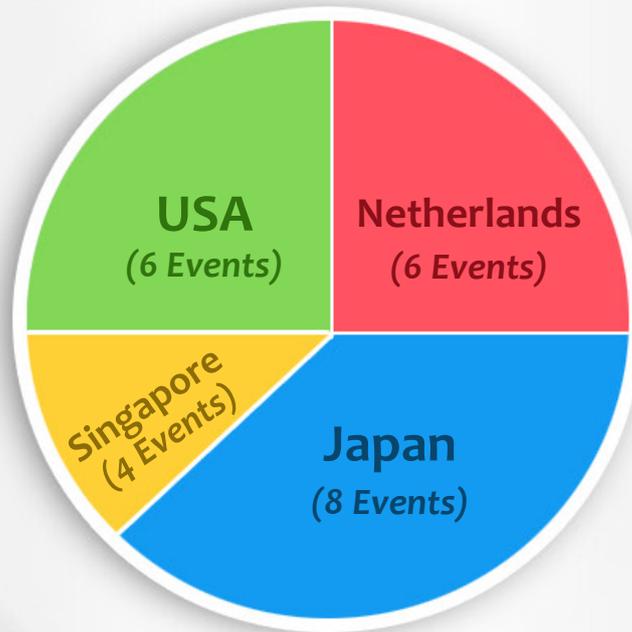
Organizing Committee:

Jezdimir Knezevic, MIRCE Akademy, UK
Tonatiuh Matos Chassin, University of British Columbia, Mexico

Day 2

Session Chair: Victor E Ostrovskii, Karpov Institute of Physical Chemistry, Russia
Session Co-Chair: Qin Zhou, Beijing Institute of Spacecraft Environment Engineering, China

Upcoming Conferences 2019-2020



USA

SCON Summit on HIV and AIDS

November 11-12, 2019

SCON Summit on Vaccines Research and Immunization

November 11-12, 2019

SCON World Congress on Cardiology and Heart Diseases

November 14-15, 2019

SCON World Summit on Cancer Research, Oncology and Pharmacology

November 14-15, 2019

SCON International Summit on Dental & Oral Health

November 18-19, 2019

SCON Global Summit on Neurology and Neurosurgery

November 18-19, 2019

Netherlands

SCON World Congress on Advanced Structural and Molecular Biology

November 18-19, 2019

SCON World Congress on Clinical Gastroenterology and Oncology

November 18-19, 2019

SCON 2nd International Conference on Nanotechnology

November 18-19, 2019

SCON 2nd International Conference on Materials Science and Engineering

November 18-19, 2019

SCON International Conference and Expo on Dermatology

November 21-22, 2019

SCON International Summit on Pediatrics and Perinatal Medicine

November 21-22, 2019

Japan

SCON Global Congress on Asthma and Allergy

March 02-03, 2020

SCON International Conference on Aesthetic Medicine and Cosmetology

March 02-03, 2020

SCON World Convention on Waste Recycling and Reuse

March 05-06, 2020

SCON World Conference on Coastal Zones and Marine Ecosystems

March 09-10, 2020

SCON World Convention on Robots and Deep Learning

March 09-10, 2020

SCON World Congress on Antibiotics, Antimicrobials & Antibiotics Resistance

March 09-10, 2020

SCON International Conference on Computer Science and Software Engineering

March 12-13, 2020

SCON International Conference and Expo on Green Energy and Renewable Energies

March 12-13, 2020

Singapore

SCON International Conference on Food Science, Nutrition and Public Health

June 27-28, 2019

SCON World Congress on Optics, Photonics and Laser Technologies

February 17-18, 2020

SCON Annual Congress on Pharmaceutical Research and Drug Development

February 20-21, 2020

SCON World Conference on Proteomics, Genomics and Bioinformatics

February 20-21, 2020



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