

TENTATIVE PROGRAM

5th International Summit on

Applied & Theoretical Physics



July 06-07, 2026 | Virtual

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KEYNOTE PRESENTATIONS



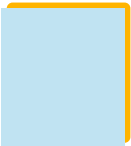
Osman Adiguzel, Firat University, Turkey
Memory Characteristics and Diffusionless Phase Transformations in Shape Memory Alloys



Weng Cho Chew, Purdue University, USA
Hamiltonian Theory of Classical and Quantum Electromagnetics

FEATURED PRESENTATIONS

Session-I: Quantum Physics & Quantum Mechanics, Mathematical Physics, Statistical Physics



Chunbiao Li, Nanjing University of Information Science and Technology, China
Offset Boosting of Chaotic Oscillation in Memristive Neurons



Wang Yang, Beihang University China
A Discrete Integer Parametrization of the Hadron Mass Spectrum Anchored to the Proton



Mohammad Ali Khan, Jumeirah College, United Arab Emirates & Tristan Thorpe, Jumeirah College, United Arab Emirates
The Essence of the Cloud Chamber



Saira Waheed, Prince Mohammad Bin Fahd University, Saudi Arabia
Diverse Traversable Wormholes in a General Modified Gravity

Session-II: Plasma & High-Energy Particle Physics, Condensed & Material Physics



Gomera Biyazn Dems, Kebridehar University, Ethiopia
Photon Count and Fluctuations of Squeezed Light with a V-type Three-level Atom



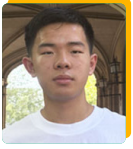
Yuri B. Ovchinnikov, National Physical Laboratory, Teddington, UK
Towards All-Optical Atom Chips



Imke Thea Folkerts, Columbia University, USA
TBA



Sohum Uttamchandani, Lynbrook High School, USA
Are Hyperspheres the Least Dense Random Packers? A Computational Study of Packings in Higher Dimensions



Jason Liu, West Windsor-Plainsboro High School North, USA
Enhancement of Quantum Sensing Via Quantum Memory

KEYNOTE PRESENTATIONS



Milind N. Kunchur, University of South Carolina, USA
TBA



Thomas J. Buckholtz, National Coalition of Independent Scholars, USA
Gravitational and Dark-Matter Concepts that Can Help Explain and Predict Cosmic Data

FEATURED PRESENTATIONS

Session-I: Quantum Physics & Quantum Mechanics, Mathematical Physics, Statistical Physics



Huai Yu Wang, Tsinghua University, China
Negative Kinetic Energy in Quantum Mechanics



Jiamu Xiang, Xicheng Academy Beijing, China
Theoretical Analysis of Particle Trajectory in a Two-Dimensional Plane Subjected to Periodic External Force



Papia Panda, University of Hyderabad, India
Exploring Neutrino Mass Hierarchy with Supernova Neutrinos at DUNE and T2HK



Yohannes Beyene Ashebo, Independent Researcher Airdrie, Alberta, Canada
Emergent Gravity from Baryon Asymmetry and Stress-Energy Anisotropy: A First-Principles Formulation



Frederick Butler, CEO/Chairman/Founder Hardwood Homeopathic, Inc, USA
Time Space Quantum Theory V10020126



Radhakrishnan Balu, University of Maryland, USA
Irreducible Representations of $(\text{Lorentz} \times \text{SU}(3)) (R_4 \times C_3)$



William Estlick, Wave Train Plasma, USA
RF-Driven Phase-Opposed Counter-Rotating Dual-Toroidal Plasma Confinement



Roman Sverdlov, Strike Foundation, USA
TBA

We wish to see you at
Physics-2027

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