



ISGAC2025
3rd International Summit on Gravitation, Astrophysics and Cosmology
March 13-15, 2025 | Valencia, Spain

Day-1 March 13, 2025	
09:00-09:30 On Spot Registrations	
Co-Chair	David Levitt, <i>Stochastic Labs, USA</i>
9:30-10:10	P Title: He-BEC Isotropic Singularity and the Theoretical Identification of Dark Energy and Dark Matter Keryn Johnson, <i>CEO and Founder at Quantum Technologies, New Zealand</i>
10:10-10:50	P Title: Gravitation and Fluid Gauge Theory Unraveling the Dynamical Mystery of Galaxies Tsutomu Kambe, <i>University of Tokyo, Japan</i>
10:50-11:05 Refreshment Breaks	
11:05-11:45	P Title: Hypotheses for a Unified Wavefunction for Entangled Quantum Particles Paul Hasselbring, <i>CEO and Founder at NPM, USA</i>
11:45-12:25	P Title: 3rd Quantization: A Dimension Gate to Quantum Gravity? What we can Learn from Qubits in Quantum Computers for a Novel Picture of Spacetime George Gesek, <i>CTO & CO- Founder at QMWare, USA</i>
12:25-13:05	P Title: Surprises in the return rates of photons from a mirror on the Moon Hans Deysenroth, <i>Senior Scientist, Germany</i>
13:05-14:05 Group Photo	
Lunch	
14:05-14:45	P SLOT AVAILABLE
14:45-15:15	K Title: A Modern Computing Curriculum for Gravity? David Levitt, <i>Stochastic Labs, USA</i>
15:15-15:45	K Title: Near Horizon Geometries and Tangent Spacetimes: Implications for Extremal Black Hole Entropy Sean Stoty, <i>Calgary University, Canada</i>
15:45-16:15	K Title: Understanding the Implications of Cyber-relevant Cognitive Vulnerabilities and Their Impacts on Protecting Space and Flight Systems from Cyber Attacks Lori D Coombs, <i>University of Arizona Global Campus, USA</i>
16:15-16:30 Refreshment Breaks	
16:30-17:00	K Title: Cosmological OHM's LAW "Minimal" Electro Magnetic Tool Box Amar Vakil, <i>NASA Principle Investigator, USA</i>
17:00-17:30	K SLOT AVAILABLE
17:30-17:55	I Title: Entanglement Islands and the Page Curve in the Framework of Horndeski Gravity Fabiano F Santos, <i>Federal-University, Brazil</i>
17:55-18:20	I Title: The Nature of the Force and the Dark Matter XingWu Xu, <i>Research Institute of Hefei Guoxuan High-Tech, China</i>
18:20-18:45	I Title: What Stabilizes Galaxy Structures? Mei Yin, <i>China</i>
18:45-19:10	I Title: Importance-Field Physics-Informed Neural Networks For Hyperbolic Forward and Inverse Problems Mobin Shakeri, <i>University of British Columbia, Canada</i>
19:10-19:35	I SLOT AVAILABLE
POSTER	P01 SLOT AVAILABLE
Closing the Conference for Day 1	
Note: This is a Tentative Program, it is subjected to slight changes till Final Program	

Day-2 March 14, 2025	
09:00-09:30 On Spot Registrations	
Co-Chair	David Levitt, <i>Stochastic Labs, USA</i>
9:30-10:10	P Title: What do we know about Ring Galaxies? The First Hubble Survey of Polar Ring Galaxies Marc Seigar, <i>Dean- University of Toledo, USA</i>
10:10-10:50	P SLOT AVAILABLE
10:50-11:05 Refreshment Breaks	
11:05-11:45	P Title: Dark Matter and Torsion via Noncommutative Geometry Gerhard Grensing, <i>Christian-Albrechts University of Kiel, Germany</i>
11:45-12:25	P Title: The Truth Behind the Solar System in the Universe Rami Ayoob, <i>Founder of Astro Tech Hub, Bahrain</i>
12:25-13:05	P Title: Will be updated soon Anastasios Belias, <i>Deputy Technical Coordinator-PANDA, Germany</i>
13:05-14:05 Group Photo	
Lunch	
14:05-14:35	K Title: The Origin of Gravitation Zheng Shengming, <i>Beijing University of Chemical Technology(BUCT), China</i>
14:35-15:05	K Title: Learning From The Past: The Sustainable Lesson of Modernism Weijia Li, <i>Dalian University of Technology, China</i>
15:05-15:35	K Title: Will be updated soon Laura Maria Andrianopoli, <i>Polytechnic University of Turin, Italy</i>
15:35-15:50 Refreshment Breaks	
15:50-16:20	K Title: Testing Standard Electromagnetic Radiation Transport Against the Hubble Term Paul Stowe, <i>Independent Researcher, USA</i>
16:20-16:50	K Title: Quantum Vacuum: The Structure of Empty Space-Time and Quintessence with Gauge Symmetry Group Ashot Serget Gevorkyan, <i>Head- Quantum Systems & Processes, Armenia</i>
16:50-17:20	K SLOT AVAILABLE
17:20-17:45	I Title: Quantum Transmission through Two-Dimensional Self-Similar Structure Aparna Nihaldaran, <i>Loughborough University, UK</i>
17:45-18:10	I Title: Quantum-Resilient Systems: Safeguarding Communications in Astrophysics and Beyond William Bates, <i>GAN Security Software Solutions, USA</i>
18:10-18:35	I Title: Quantum Cosmology with a Minimal Length Phenomenological Hypothesis: Implications for Early Universe Models, Theoretical Insights, and Computational Simulations Maria Fernanda, <i>National Polytechnic Institute, Mexico</i>
18:35-19:00	I Title: Signatures of Dipolar Dark Matter on Indirect Detection Olga Guadalupe Felix Beltran, <i>University of Puebla, Mexico</i>
19:00-19:25	I SLOT AVAILABLE
POSTER	P01 SLOTS AVAILABLE
Closing the Conference for Day 2	
Note: This is a Tentative Program, it is subjected to slight changes till Final Program	