



# ICGAC2026 - Final Program

## 2<sup>nd</sup> International Conference on Gravitation, Astrophysics and Cosmology

ICGAC2026

**April 16-17, 2026**

**Hotel INN Paris CDG  
Airport**

**Paris, France**



09:00 – 09:30

## On-Spot Registrations

Conference Chair

**Franco Paoletti**, Founder & CEO - Global Education, Arts & Research (GEAR) - Italy/USA, INAF, Rome - Italy

Conference Co-Chair

**Mark Anthony Young**, Luos Foundation, UK

09:30–10:10

P

## Franco Paoletti

Founder & CEO - Global Education, Arts & Research (GEAR) - Italy/USA, INAF Rome - Italy

**Title:** Murmurs of the Universe: A Journey Following Gravitational Waves Through Space-Time Towards the Stars of Science, Knowledge and Communication

10:10–10:50

P

## Ronald L. Mallett

University of Connecticut, USA

**Title:** The Gravitational Field of Circulating Light Beams

10:50 – 11:05

## Refreshment Break

11:05–11:45

P

## Manny Pimenta

Founder and CEO of Virtual Moon, USA

**Title:** Inspiring the Lunar Generation

11:45–12:25

P

## Mark Anthony Young

Luos Foundation, UK

**Title:** Coherence Before Complexity: Regulation as a Universal Principle in Biological Systems

12:25–13:05

P

## Espoir Tsague Foking

Bifurcation Didactique Aerospace, France

**Title:** CARAB Project: Advanced and Robust Design of Bolted Assemblies

13:05 – 14:05

## Group Photo & Lunch Break

14:05–14:40

K

## Massimo Medesani

Independent Researcher and 1st Engineer of Coherence & Founder – Guest Speaker – General Agent, Cattolica Assicurazioni, Italy

**Title:** Geometric Coherence: Beyond Containment\_ The Future of Human Labor in the Era of AGI

14:40–15:15

K

## Daniel Aslanian

Geo-Ocean IFREMER, France

**Title:** Galactic Geodynamics?

15:15–15:50

K

Charles Emmanuel Levine

Prolytix, USA

**Title:** Toroidal Closures of the Brachistochrone Curve: A Geometric Boundary Approach

15:50 – 16:05

Refreshment Breaks

16:05–16:30

I

Rodrigue Pekar

OpenVQA Hub Foundation, France

**Title:** A Nonperturbative Spectral Origin of the Bekenstein–Hawking Entropy

16:30–16:55

I

Jiel Dan C. Caballero

Arizona State University, USA

**Title:** Chaos, Curiosity, and the Cosmos: Learning to See the Bigger Picture

16:55–17:20

I

Ayberk Korkmaz

Eskisehir Osmangazi University, Turkey

**Title:** AI-Driven Prediction of Material Integrity: A Machine Learning Approach to Structural Safety in Astrophysics Missions

Poster-01

John Jairo Correa Guzman

National Institute of Astrophysics, Optics and Electronics, Mexico

**Title:** Relativistic ECM in Astrophysical Plasmas: From Discrete Harmonics to Quasi-Continuous Emission

Video-01

Yi-Fang Chang

Yunnan University, China

**Title:** Negative Matter as Simple Method Unified Dark Matter and Dark Energy

Video-02

Joseph Mancinelli

Independent Researcher, USA

**Title:** Quantum Informational Gravity (QIG): A Unified, Stable Framework for the Dark Sector and the Three-Body Problem

Video-03

Thomas J Buckholtz

Ronin Institute for Independent Scholarship 2.0, USA

**Title:** Dark-Matter and Gravitational-Force Details that Echo Familiar Physics and Explain Cosmic Data

Video-04

Andrew L. Beachy

Principal Architect, Vector Coherence LLC, Michigan, USA

**Title:** Vector Coherence Theory: From Computational Substrates to Civilizational Attractors

E Poster-01

Felix M Lev

*Independent Researcher, San Diego, USA*

**Title:** The Concept of Dark Energy is not Based on the Principles of Physics: Cosmological Data can be clearly Explained Without this Concept

E Poster-02

Friedhelm M. Joge

*Institute for Solar Energy Research Hamelin (ISFH), Germany*

**Title:** Dark Matter and Dark Energy Around Black Holes

END OF THE DAY I CONFERENCE



DAY-02 | APRIL 17, 2026

09:30-10:10

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Alex Ioskevich

*Founder and CEO of Quantum Propulsion Technologies Ltd., UK*

**Title:** Quantum Propulsion: Background and Practical Applications

10:10-10:50

P

Luciano Lorenzi

*Italian Astronomical Society, Italian Physical Society, Italy*

**Title:** A Brief Presentation of the Book: Expansion Center of the Universe - A Scientific History of an Ignored Discovery

10:50 - 11:05

Refreshment Break

11:05-11:40

K

Novi Dewan

*Doctoral Researcher, Chair of Logistics Management, WHU, Germany*

**Title:** Space Sustainability: Space Traffic Management, Situational Awareness, and Debris Mitigation

11:40-12:15

K

Jamil Al Thani

*Founder, D10Z Institute Omnidimensional, Peru*

**Title:** D10Z: The Manual of Infinite Mechanics

12:15–12:40

I

## Pramsu Satapathy

Master's Student, Institute of Astronomy, KU Leuven, Belgium

**Title:** Hot Subdwarf B Stars and Their Pulsation Properties

Video-05

## Wim Vegt

Eindhoven University of Technology, The Netherlands

**Title:** Advances in Observational Cosmology and Multi-messenger Astronomy

Video-06

## Cameron Ikin

Director, Capriorne Spatial Agency, Australia

**Title:** The Creation and Potential of Metamaterial Wormholes for Two Points in Space and for the New Space Age

Video-07

## Sherehan Shehata

National Research Institute of Astronomy and Geophysics, Egypt

**Title:** How Does Quasar X-Ray Spectral Index Evolve With Redshift?

Video-08

## Magdalena Filcek

Vinci Power Nap®, Poland

**Title:** Frequency of Harmony and the Unified Theory of Everything: Across the Universe towards Human Body and Mind with Discovery of Neuroarchitecture Vinci Power Nap® Pendulum as the Biotechnology of the Future

E Poster-03

## Schubert Maignan

Moscow State University of Civil Engineering, Russia

**Title:** Reconceptualizing Time: Unifying Inertia, Gravity, and Charge in a New Mechanical Framework

END OF THE CONFERENCE

## COLLABORATION PARTNERS:



**SPACE &  
CYBER SECURITY**

**UPCOMING CONFERENCE**

**3RD INTERNATIONAL CONFERENCE ON**

**GRAVITATION,  
ASTROPHYSICS AND  
COSMOLOGY**



**ICGAC2027**

**Website: <https://astrophysics2027.conplusmeetings.com>**

**MAY 26-27, 2027**

**BERLIN, GERMANY**