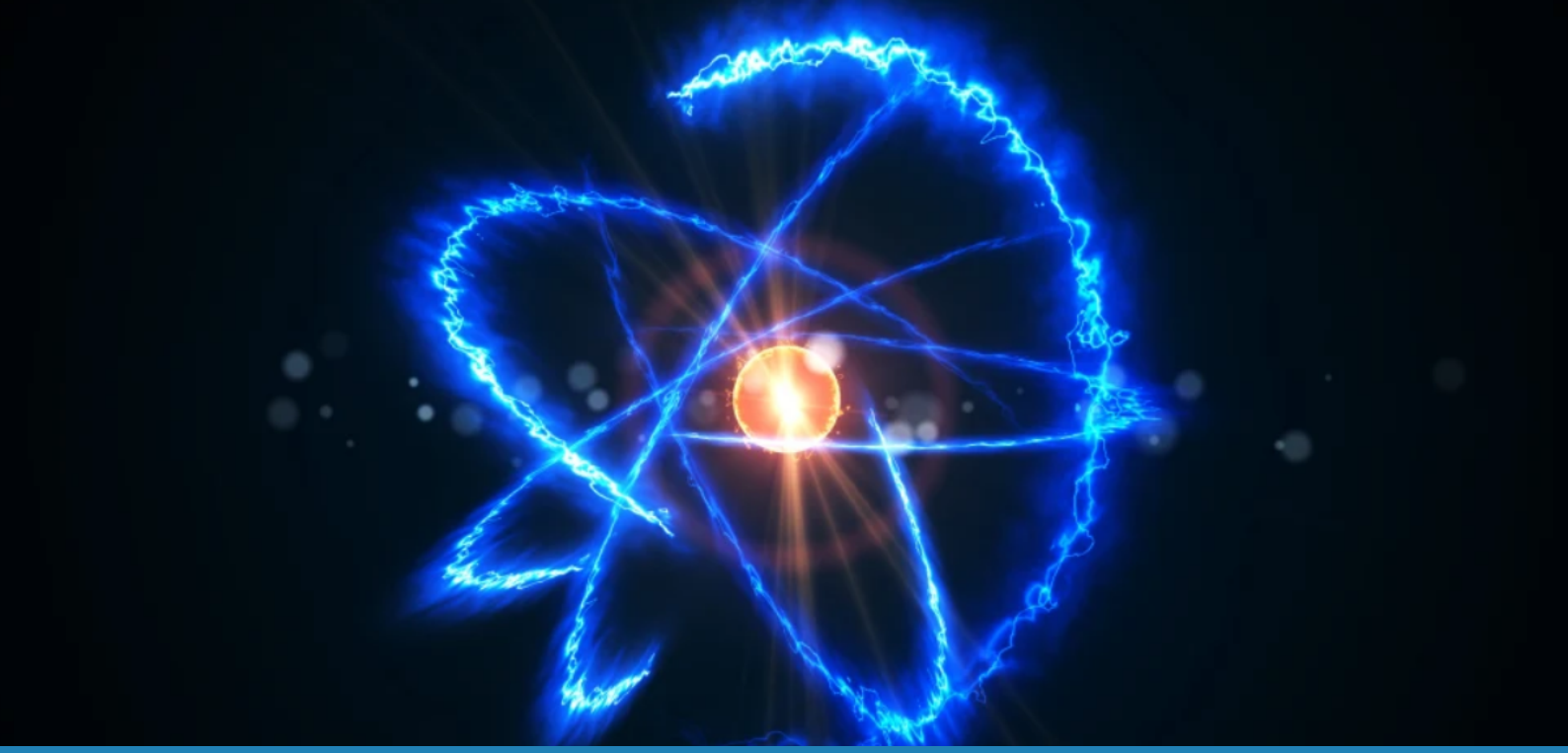

EGCPA2024

Scientific Program

Euro Global Congress on

Physics and its Applications

March 21, 2024 | Virtual

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Day 01, Thrusday, March 21, 2024

Time Zone : Italy (GMT+1)

09:00-9:25	I	**Title:** Superiorityof Photonic Crystal UVMicro LED
		Yoshihiko Muramoto, *Nitride Semiconductors Co. Ltd, Japan*
09:25-09:50	I	**Title:** Ultrasound 3D Imaging Based on Spatial Coding of Transmitted and Received Waves by a Single Transducer.
		Norio Tagawa , *Tokyo Metropolitan University, Japan*
09:50-10:10	PO	**Title:** Analogue Circular Unruh Effect in Annular Josephson Tunnel Junctions
		Yukie Matsumoto, *Hiroshima University, Japan*
10:10-10:35	I	**Title:** Signatures of Rare Leptonic Decays, Proton Decay and Muon g-2 Anomaly in Flipped SU(5) \Times U(1)_\chi Model from F Theory Based on A_4 Symmetry.
		Gayatri Ghosh, *Assam University Silchar India*
10:35-11:00	I	**Title:** Anomalous Features in Bands Structure of Rare Earth Region
		Alpana Goel , *Amity Institute of Nuclear Science & Technology, India*
11:00-11:25	I	**Title:** Numerical Realization of 'Dynamical Fermionization' and 'Bethe Rapidities
		Sumita Datta, *Alliance University, India*
11:25-11:50	I	**Title:** Sensing of TM Ions Using Fluorescent Nanoparticles
		Hans-Uwe Dahms, *Kaohshiung Medical University , Taiwan*
11:50-12:10	PO	**Title:** Light-Field Multiphoton Microscopy for Imaging the Drosophila Brain
		Shean-Jen Chen, *National Yang Ming Chiao Tung University, Taiwan*
12:10-12:35	I	**Title:** Acoustic Waves in Multilayered Structures and Their Application in 5G Communication Systems
		Natalya Naumenko , *National University of Science and Technology "MISIS", Russia*
12:35-13:00	I	**Title:** Anisotropization of Quasistatic MHD Turbulence with an Increasing Magnetic Field: Transition from Three to Two Dimensions
		Semion Sukoriansky, *Ben-Gurion University, Israel*
13:00-13:25	I	**Title:** On the Possibility to Manufacture an Equipment for Generation of Gravitational Radiation with Significant Power for Practical Applications
		Constantin Sandu, *Institutul National de Cercetare - Dezvoltare Turbomotoare COMOTI, Romania*

13:25-13:50	I	**Title:** Motley String Theory Overview
		George Yury Matveev, *George Matveev Consulting, Denmark*
13:50-14:15	I	**Title:** Measurement and Control of Polaritons in Jaynes-Cummings-Hubbard Model Using Trapped Ions
		Silpa Muralidharan Pulpra, *National Quantum Computing Centre (NQCC), United Kingdom*
14:15-14:55	P	**Title:** Peaked Solitons in Nonlinear Mathematical Physics
		Zhijun Qiao, North China University of Science and Technology, China
14:55-15:20	I	**Title:** Will be Updated Soon
		Marieh Molanaei, *Shiraz University, Iran*
15:20-15:50	K	**Title:** Virtual Linking and Causality in Borde Sorkin Spacetimes
		Vladimir Chernov,Dartmouth College, USA
15:50-16:15	I	**Title:** Wind Farm Modeling and Optimization
		Stefano Leonardi , *The University of Texas at Dallas, USA*
16:15-16:40	I	**Title:** Relativity of Space-Time-Symmetry Congruence to Biochirality
		Victor Vasilyevich Dyakin, *Orangeburg, New York, USA*
16:40-17:05	I	**Title:** Axion Decays from Neutron Stars as Point Sources and Extended Sources of Gamma Rays, as Measurable by Fermi LAT; also, Limits on Axion Decay Photons from NS-NS Mergers from LIGO and Fermi-LAT
		Bijan Berenji, *California State University, USA*
17:05-17:45	P	**Title:** Achieving Ignition and Energy Gain for the First Time in Laboratory Thermonuclear Fusion Research – The Diagnostic Innovations that Made this Historic Breakthrough Possible
		Johan Frenje, Massachusetts Institute of Technology, USA
17:45-18:10	I	**Title:** Coherent SAT Solvers
		Sam Reifenstein, *University of California,USA*

End of Virtual Presentations