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ANNOUNCEMENT

**New Popular Science Lecture Series at Aristotle University's School of
Physics**

Thessaloniki, 7/10/2026

With eleven lectures highlighting the connection between Physics, technology, nature and everyday life, the School of Physics of Aristotle University presents its new popular science lecture programme for the 2026-2027 academic year.

Throughout the lecture series, specialized Professors and researchers from the School will present cutting-edge and topical issues in a simple and accessible way, covering a wide range of subjects, from Artificial Intelligence, quantum computing and the technological applications of materials to extreme climate phenomena, the mysteries of black holes and neutron stars, as well as the chaotic behaviour and complexity of the world.

The first lecture, entitled "The Magical World of Defects in Materials: Diamonds, Lasers and Other Stories", will be delivered by Panagiotis Patsalas, Professor at the School of Physics of Aristotle University, tomorrow, Thursday, 8 October 2026, from 19:30 to 20:30.

Winter Semester 2026 Lecture Programme

Thursday, 8 October 2026 | 19:30-20:30

The Magical World of Defects in Materials: Diamonds, Lasers and Other Stories

Speaker: Panagiotis Patsalas, Professor, School of Physics, Aristotle University
Thursday, 15 October 2026 | 19:30-20:30

Put on a Jacket! – From Maternal Instinct to IoT (Internet of Things) Technology

Speaker: Konstantinos Siozios, Professor, School of Physics, Aristotle University
Thursday, 5 November 2026 | 19:30-20:30

From Darwin to Artificial Intelligence: How Evolutionary Algorithms Work

Speaker: Sotirios Goudos, Professor, School of Physics, Aristotle University
Thursday, 12 November 2026 | 19:30-20:30

ATOMS and the VOID: From Ancient Natural Philosophy to Modern Science

Speaker: Anastasios Liolios, Emeritus Professor, School of Physics, Aristotle University
Thursday, 26 November 2026 | 19:30-20:30

The El Niño and Super El Niño Phenomenon: More Relevant Than Ever!

Speaker: Kleareti Tourpali, Professor, School of Physics, Aristotle University
Thursday, 10 December 2026 | 19:30-20:30

Literary Walks through Physics and Cosmology

Speaker: Spyridon Tzamarias, Emeritus Professor, School of Physics, Aristotle University
Thursday, 17 December 2026 | 19:30-20:30

Chaos: Unpredictable Determinism

Speaker: Georgios Vougiatzis, Professor, School of Physics, Aristotle University
Thursday, 11 February 2027 | 19:30-20:30

Nuclear Physics of Neutron Stars

Speaker: Charalambos Moustakidis, Professor, School of Physics, Aristotle University
Thursday, 18 March 2027 | 19:30-20:30

Quantum Computers and Quantum Technology

Speaker: Anastasios Petkou, Professor, School of Physics, Aristotle University
Thursday, 8 April 2027 | 19:30-20:30

Black Holes and Wormholes

Speaker: Georgios Pappas, Associate Professor, School of Physics, Aristotle University

Thursday, 20 May 2027 | 19:30-20:30

The Hidden Order of Complexity: From Non-Equilibrium and Self-Organization to Complex Networks

Speaker: Kosmas Kosmidis, Laboratory Teaching Staff, School of Physics, Aristotle University

The lectures will take place in Lecture Hall A31 of the School of Physics and will also be streamed online.

Participation in the lecture series of the School of Physics of Aristotle University is open to the public.

The first lecture will be live-streamed at: <https://authgr.zoom.us/j/7369298064>

More information: <https://www.physics.auth.gr/programma-eklaikeftikon-dialexeon-tou-tmimatosakadimaiko-etos-2026-27/>

We kindly request that this event be published, broadcast, and covered by the media.