



**Summer School “The Path to Scientific Discoveries”
August 27th to August 31st, 2024, Academy of Sciences of Moldova**

Tuesday, August 27th, 2024

ZOOM:

<https://us02web.zoom.us/j/6931630023?pwd=Zxsd90KcrtJOF0VN3AfxQnobKIVemz.1&omn=85313009473>

Meeting ID: 693 163 0023 Password: Academia

13.00	Registration of participants	
13.45	Opening Ceremony of the Summer School Opening message Prof. Ion Tiginyanu, President of the Academy of Sciences of Moldova Greeting messages H. E. Cristian-Leon Țurcanu, Extraordinary and Plenipotentiary Ambassador of Romania to the Republic of Moldova	
14.00	Prof. Ioan-Aurel POP, President of the Romanian Academy, honorary member of the Academy of Sciences of Moldova	<i>Contemporary education through history</i> (in Romanian)
14.45	Prof. Klaus MAINZER, President of the European Academy of Sciences and Arts, Salzburg, Austria	<i>Lecture on artificial intelligence</i>
15.30	Valeriu MATEI, corresponding member of ASM, director of Romanian Academy Publishing House	<i>Book launch and donations for participants</i> (in Romanian)



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Wednesday, August 28th, 2024

ZOOM:

<https://us02web.zoom.us/j/6931630023?pwd=Zxsd90KcrtJOF0VN3AfxQnobKIVemz.1&omn=84874300083>

Meeting ID: 693 163 0023 Password: Academia

9.00	Prof. Nicolae ZAMFIR, vice-president of the Romanian Academy	<i>Scientific research in physics</i> (in Romanian)
9.45	Prof. Viorel BOSTAN, Rector of the Technical University of Moldova	<i>Development of the first satellite in the Republic of Moldova</i> (in Romanian)
10.30 - 11.00	<i>Coffee break</i>	
11.00	Prof. Aurelian GULEA, State University of Moldova	<i>Cancer treatment perspectives</i> (in Romanian)
11.45	Dr. Roman RUSNAC, State University of Moldova, Young Academy of Moldova	<i>New biologically active compounds based on thiosemicarbazones and coordination combinations of some biometals</i> (in Romanian)
12.30 – 14.00	<i>Lunch break</i>	



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14.00	Prof. Violeta DINESCU, European Academy of Sciences and Arts, Salzburg, Austria	<i>Degrees of freedom in Vuza Canons</i> (in Romanian)
15.00 - 18.00	Visit to the Technical University of Moldova: <ul style="list-style-type: none">- National Center for Materials Study and Testing (presentation of nanotechnologies and nanomaterials, including Aerogalnite)- National Center of Space Technologies	



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Thursday, August 29th, 2024

ZOOM:

<https://us02web.zoom.us/j/6931630023?pwd=Zxsd90KcrtJOF0VN3AfxQnobKIVemz.1&omn=88276051764>

Meeting ID: 693 163 0023 Password: Academia

9.00	Prof. Emil CEBAN, corresponding member of ASM, Rector of the State University of Medicine and Pharmacy „Nicolae Testemițanu”	<i>Medicine and health – national priority</i> (in Romanian)
9.45	Prof. Viorel PRISĂCARI, corresponding member of ASM, State University of Medicine and Pharmacy „Nicolae Testemițanu”	<i>The role of scientists in discovering the essence of epidemics</i> (in Romanian)
10.30 - 11.00	<i>Coffee break</i>	
11.00	Prof. Viorel NACU, State University of Medicine and Pharmacy „Nicolae Testemițanu”	<i>Artificial tissues and organs – new strategies</i> (in Romanian)
11.40	Prof. Svetlana ȘCIUCA, corresponding member of ASM, State University of Medicine and Pharmacy „Nicolae Testemițanu”	<i>The particularities of broncho-pulmonary changes in post-Covid patients</i> (in Romanian)
12.20	Prof. Silvia RĂILEANU, State University of Medicine and Pharmacy „Nicolae Testemițanu”	<i>Oral health in children</i> (in Romanian)



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13.00 – 14.00	<i>Lunch break</i>	
14.00	Prof. Anthony WATTS, University of Oxford, UK, President of the International Union of Pure and Applied Biophysics	<i>What is biophysics</i>
14.45	Dr. Svetlana SMEREA, Institute of Genetics and Plant Physiology, State University of Moldova	<i>The applicability of biotechnologies in solving the problems of genetics and plant breeding (in Romanian)</i>
15.30 – 18.00	Visit to the Institute of Genetics and Plant Physiology, State University of Moldova	



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Friday, August 30th, 2024

ZOOM:

<https://us02web.zoom.us/j/6931630023?pwd=Zxsd90KcrtJOF0VN3AfxQnobKIVemz.1&omn=87335214800>

Meeting ID: 693 163 0023 Password: Academia

9.00	Prof. Alexandru STRATAN, corresponding member of ASM, Rector of the Academy of Economic Studies in Moldova	<i>Discover Economics: How Economics Studies Can Influence Your Future</i> (in Romanian)
9.45	I. Stephanie BOYCE, Former president of the Law Society of England and Wales, Robert WILLIAMS, Director/Editor in Chief of British News Agency News247WorldPress	<i>A fundamental right, the freedom to access justice</i>
10.30 – 11.00	<i>Coffee break</i>	
11.00	Dr. Marian ENACHE, President of the Constitutional Court of Romania	<i>Young people – Explorers and promoters of the intelligence of the future</i> (in Romanian)
11.45	Prof. Bogdan CIUCA, President of the Academy of Legal Sciences from Romania	<i>Genuine justice between divine norm and artificial intelligence</i> (in Romanian)
12.30 – 14.00	<i>Lunch break</i>	
14.00	Prof. Rattan LAL, The Ohio State University, USA, winner of the Nobel Peace Prize and the World Food	



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	Prize, honorary member of the Academy of Sciences of Moldova	<i>How researchers contribute to addressing the challenges of the XXI Century</i>
14.45	Prof. Norina Consuela FORNA, Iași, Romania, honorary member of the Academy of Sciences of Moldova	<i>Placement of future medical students in the labor market: evidence based on completed projects (in Romanian)</i>
15.30 - 16.00	<i>Coffee break</i>	
16.00	Prof. Konstantin NOVOSELOV, Manchester University, UK, National University of Singapore, Laureate of Nobel Prize in Physics (2010), honorary member of the Academy of Sciences of Moldova	<i>Materials for the future</i>

Saturday, 31st of August, 2024

10.00 – 13.00 National Holiday „Romanian Language Day”

The end of the Summer School and the handing out of certificates in a festive meeting

ZOOM:

<https://us02web.zoom.us/j/82238909114?pwd=tQsZDsdwrrZHAxkNp8GaamacmwKvvs.1>

Meeting ID: 822 3890 9114 Passcode: 138187