

International Scientific Conference (online)
“New technologies: current state and perspectives”

dedicated to the 60th Anniversary of the Academy of Sciences of Moldova

The Blue Hall, Academy of Sciences of Moldova, June 10, 2021

10.00 PUBLIC LECTURE

***Prof. Hiroshi AMANO, Nobel Prize Laureate in Physics,
Nagoya University, Japan***

„Economical profit of establishing a renewable energy society”

11.00 – 12.30 Plenary Session

***Prof. Klaus MAINZER, European Academy of Sciences and Arts, Salzburg,
Austria***

„Artificial intelligence: present status and future prospects”

Prof. Julian REVALSKI, Academy of Sciences of Bulgaria, Sofia, Bulgaria

„Bulgaria's National Program for the Development of Artificial Intelligence until 2030”

Prof. Aurelian GULEA, State University of Moldova, Chisinau, Moldova

„Advanced materials in cancer therapy”

14.00 – 16.30 Plenary Session

***Prof. Constantin Gaidric, Institute of Mathematics and Informatics, Chisinau,
Moldova***

„Intelligent computer systems in medicine”

***Prof. Anatolie Sidorenko, Institute of Electronic Engineering and
Nanotechnologies, Chisinau, Moldova***

„Superconductor / Ferromagnet nanostructures as basic elements of an artificial neural network”

Prof. Vladimir Fomin, Institute for Integrative Nanoscience, IFW Dresden, Germany

„The effects of topology and geometry in self-wrapping micro- and nanoarchitectures”

Prof. Viorel Bostan, Technical University of Moldova, Chisinau, Moldova

„Simulations on mathematical models in the engineering of fine mechanics products: precessional minitransmissions, conversion systems, TUMnanoSAT university satellite”

Dr. Igor Nicoară, Institute of Geology and Seismology, Chisinau, Moldova

„Cenozoic formations as the main source of useful mineral substances in the Republic of Moldova”