

security on your personal computers. But not only computers, portable devices such as smartphones, tablets, laptops all are at risk. Intel, AMD, ARM-based processors are vulnerable. Millions of devices around the world that are in our pocket became useless cause this weakness. Any web-site around the net could use this exploit very easily. Quite enough execute JavaScript file on html page to read data from memory. For example, when you are entering your email password hacker could steal it. It is completely untraceable intrusion. There does not exist any log file to check a violation. Its not critical if it is email account, but nowadays cashless payments and internet banking also are in common and that's the significant problem.

Look around IT-services in the internet. Think about how they are working.

Every website, application, database is stored on a cloud-serviced machine. They are running on powerful machines that are referred as servers. This mainframe computer has two steps of configuration. First is hypervisor, software which provides simultaneously perform of different operating systems on the same host computer. Second one is same operating systems. It means that fixing of such systems is long-termed process and could result in cash and time expenses for the owners. Not to mention that any restricted data could be stolen and used in illegal purposes.

Obviously, leadership IT companies released patch which, divides kernels memory in such way that intruder could not access it. Such update was related to Windows, Linux and Macintosh. But at what cost? Such updates slows computers computational performance up to thirty percent, which results in a question, do we need the rapidly growing clock rate, or vast amount of cores, which are imperfect? Maybe we should put the processor development race slower and make them safer? The decision remains for IT community.

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UKRAINE ALSO HAS WELL-KNOWN ECONOMISTS

In everyday life and at the university, we often recall famous foreign economists but do not forget that there are also many prominent economists in Ukraine who have contributed not only to the territory of their own country, but also abroad. Unfortunately, our economists were known only to the foreign economic community. It is because the Ukrainian people for a very long time did not have statehood and entered the Soviet Union and interested in the works of Ukrainian economists were strictly forbidden. But in our time, with the development of technology, it is easy for us to get any information, and I want to prove that Ukraine also has well-known economists.

Slutsky Yevgeny Evgenievich (1880 – 1948) – an economist mathematician who was the first in Ukraine to apply mathematical methods to economic science. The author of many economic works, the most famous of them is “Making random causes as a source of cyclical processes”. However, the major in achievements in the economy are the discovery of a new direction-praxeology and in the practice of modeling

economic processes. He has made a significant contribution to the development of mathematical and statistical studies combining mathematics and economics.

One of the most influential economists in the world is certainly worthy of attention – Bogdan Dmitrievich Havrylyshyn (1926 – 2016). He is a very talented person who has written many outstanding works among which is the most famous – “Guides to the future. For more effective societies”. This book rather famous among economists and has been translated into eight languages. He is considered the founder of the World Economic Forum in Davos and contributed to the establishment of the International Center for Advanced Studies. Bogdan Havrylyshyn has studied more than 100 qualified economists that work in well-known companies in the world. Havrylyshyn honored Worker of Science and Technology of Ukraine, was elected a foreign member of the National Academy of Ukrainian Sciences and awarded the Order of Merit.

Podolinsky Sergey Andreyevich (1850 – 1891) – an Ukrainian scientist, a sociologist, a physicist, a doctor, a publicist and, of course, a talented economist. Interestingly, for a century beforehand, he identified the equivalent of physical and mental labor. Obviously, the scientific heritage of such a talented person is extremely large, the most important is his economic and environmental discovery, which was substantiated by the study “Human labor, its relation to the distribution of energy”. This discovery is incredibly important for humanity, this work has been translated into many languages.

Also, a well-known Ukrainian economist – Mykhailo Ivanovych Tuhon-Baranovsky (1865 – 1919) who made a great contribution to the development of the theory of co-operation and money circulation. He is the author of a large number of research, the main work – “Industrial crises in modern England, their causes and a close influence on people's lives”. However, Michael's worldwide recognition was obtained through the study of market theory and economic crises.

As a consequence it was possible to mention a lot of gifted Ukrainian surnames, which testify to the large number of talented economists in Ukraine. Although they exist, taking into account modern access to the information we should learn, mention and speak about them.

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LOGISTICS FUNCTION

At the manufacturing enterprise, the business process begins with the flow of materials from the suppliers to the factory-manufacturer, and then to the customer through the dispersion channel. Traditionally, in a functional organization, the business process consists of certain types of activities, such as obtainment, production, and dispersion under the control of the relevant units. Storing, processing and moving goods and services so that customers can get them at the right time, in the right place and in the appropriate form, is called logistics, and the function associated with such activities is known as a logistics function.