

**In memoriam of academician Andrei ANDRIESH  
the founder of non-crystalline semiconductor school in Republic of  
Moldova**

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Just over 85 years have passed since the birth of academician Andrei ANDRIESH, gone into eternity. He was born (October 24, 1933) and educated in Chisinau the capital of the present Republic of Moldova. After graduating the State University of Chisinau (1956) and PhD of the Ioffe Physical Technical Institute in St. Petersburg (1962) he started his scientific activity in the Academy of Sciences of Moldova, firstly in the Institute of Mathematics and Physics (1962-1964), but then in the Institute of Applied Physics (1994- 2012), where he earned his Habilitation (1975) in the field of physics and applications of some vitreous arsenic chalcogenides. Academician Andrei Andriesh had the honor to work under leadership of Prof. B.T. Kololmiets, having the permanent scientific relations and collaborations with Acad. R. Grigorovici, Prof. S. Ovshischy and other world – known personalities. Prof. N. Mott has mentioned in his Nobel Lecture [1] the huge importance of the experiments provided by Leningrad group, in which that time worked Andrei Andriesh, to develop the concepts that the gap of the glasses, and hence the conductivity, did not depend sensitively on composition. Later Andrei Andriesh founded the scientific school in physics of non-crystalline semiconductors in Chisinau, where during the years, the basic physical properties of chalcogenide glasses and their applications have been studied. He contributed to training of highly skilled scientists, including 17 doctors and 8 doctors habilitate. Academician Andrei Andriesh was an author and coauthor of about 500 scientific papers and 30 patents. He was a Member of number of Academies and Scientific Societies, twice Laureate of the State Award in Science and Production. Being a personality of a vast erudition and culture he was the third president of the Academy of Sciences of Moldova (1989-2004), internationally renowned scientist in the field of amorphous and nancrystalline semiconductors, a man of great humanity, and a citizen with love to this country.

## References

[1] N. Mott, Nobel Lecture, Cavendish Laboratory, Cambridge, England. 8.12.1977.