

Evgen Gladyshevskii – 85 years



On April 14, 2009, Professor Evgen Ivanovych Gladyshevskii will be 85. Thanks to his works on silicides, germanides and other intermetallic compounds, Evgen Gladyshevskii is one of the best known scientists from the Department of Inorganic Chemistry at the Ivan Franko National University of Lviv. Together with Professors Evgen Cherkashyn and Petro Krypyakevych, he founded the School of Crystal Chemistry of Intermetallic Compounds, which has formed 135 doctors and 25 professors since its creation and remains one of the main research poles at the University of Lviv.

Evgen Gladyshevskii was born in Lviv region. He studied chemistry at the University of Lviv and received his First Doctor degree in 1953 for a study entitled "Solid Solutions Based on Intermetallic Compounds". In 1954 he was awarded the title of Docent and in 1967 he obtained a Second Doctor degree for his work "Investigations on the Crystal Chemistry of Silicides and Germanides". In 1968 he was nominated Professor of Inorganic Chemistry at the Ivan Franko University of Lviv, where he

remained teaching until his retirement in 2001. From 1968 to 1989 was the director of the Department of Inorganic Chemistry.

Professor Evgen Gladyshevskii specialized in the field of intermetallic compounds, focusing on physico-chemical analyses (phase diagrams, physical properties), crystal chemistry (crystal structures and their relationships), and materials science (search for new materials with useful properties). He and his group investigated the interactions between the elements in more than 600 chemical systems and established relationships between the formation of ternary compounds and the electronic structure of the elements. They determined the crystal structure of more than 750 compounds, and investigated the influence of different factors on the compositions, structures and properties of intermetallic compounds. Some of the compounds synthesized in his laboratory have found applications as semiconductors, magnets or thermal emitters. Based on literature data and own results, he prepared the groundwork for a general chemistry of intermetallic silicides and germanides. In 1979 he received the title Honored Scientist of Ukraine and in 1984 he was awarded the Ukrainian State Prize in Science and Technology for his contributions to the chemistry, crystal chemistry and physics of silicides and germanides of rare-earth and transition metals, development of new materials for technical applications. He holds 20 patents and is the coauthor of some 500 scientific publications, among which monographs, text books for students, and numerous review articles.

The editorial board of CHEMISTRY OF METALS AND ALLOYS would like to present their congratulations and has decided to collect papers dedicated to the jubilee of Professor Evgen Gladyshevskii for the next issue.