SIXTIETH BIRTHDAY OF YURII SERGEEVICH LYALIKOV



Professor Yurii Sergeevich Lyalikov, Member of the Academy of Sciences of the Moldavian SSR, and Doctor of Chemical Sciences, has attained his sixtieth birthday.

Yurii Sergeevich was born in Dnepropetrovsk. After finishing Dnepropetrovsk Institute he worked in the industrial laboratories of metallurgical enterprises in the South, concerning himself with studies in the development of physicochemical analysis methods, particularly the polarographic method.

In 1940 he defended his candidate's dissertation and in 1953 his doctor's dissertation. Since 1952 until the present time Yu. S. Lyalikov has been a professor in the Department of Analytical Chemistry of Kishinev State University. Since 1958 he has directed the analytical chemistry laboratories of the Institute of Chemistry of the Moldavian Academy of Sciences. In 1962 he was selected as a Corresponding Member of the Academy of Sciences of the Moldavian SSR, and since 1965 he has been a Member of this Academy.

His works on polarography using a rotating platinum disk electrode and on polarography in melts are well-known. The residual current compensation method proposed by Yu. S. Lyalikov is used in all methods of modern polarography. With his direct participation the analytical chemistry of semiconductor materials and the analysis of trace quantities of poisonous chemicals have successfully evolved. Together with his students he has successfully been concerned with ac polarography in solid electrodes, and rf polarography. Fifteen of his students have defended dissertations and become Candidates of Chemical Sciences.

He has published more than 110 papers, many of them appearing in the journal "Zavodskaya Laboratoriya." His handbook "Physicochemical Analysis Methods" has been published four times in the Soviet Union since 1948, and has been translated into several foreign languages and printed abroad. A monograph " Analysis of Iron and Manganate Ores and Agglomerates," written by him in 1954 in co-authorship with N. S. Tkachenko and others, has had two editions and has become one of the basic textbooks for workers in the metallurgical industry.

Yu. S. Lyalikov carries on much scientific society work. He is a member of the Scientific Council on the Problem of "Pure Substances and Physicochemical Analysis Methods," and a member of Expert Commission on Approval of Pesticide Analysis Methods of the State Chemistry Committee of the Ministry of Agriculture of the USSR. Twice he has been chosen as Deputy of the Leninist Regional Council of Deputies of Workers in the City of Kishinev.

His professional colleagues sincerely esteem, respect, and value Yurii Sergeevich for his broad knowledge, exceptional modesty, responsiveness, and adherence to principles.

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Kishinev Polytechnical Institute
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