

AT THE CONFERENCE OF YOUNG SCIENTISTS OF
MOSCOW DEVOTED TO PROBLEMS OF CORROSION
AND PROTECTION OF METALS

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A conference of young scientists working in the area of corrosion and protection of metals was held in Moscow on April 18-20, 1966 on the initiative of the Institute of Physical Chemistry AN SSSR and Moscow Regional Administration of the Mendeleev All-Union Chemical Society. About 100 persons participated in the conference and 19 reports presented by seven research organisations were heard.

The results of the competitions of the works of young corrosion specialists were examined by a jury made up by: Doctors of Chemical Sciences N.D. Tomashov, K.M. Gorbunova, N.Ya. Klinov, A.I. Vagramyan, Candidate of Technical Sciences G.M. Florianovich, and Candidate of Technical Sciences M.A. Vedeneva.

Having examined the presented works the jury decided to award: first place to T.G. Kravchenko and E. A. Shelement'eva (MISiS) for the work "Heat Resistance of SAP-type Nickel Alloys", in which data on the heat resistance of nickel alloyed with oxides Al_2O_3 , Cr_2O_3 , Ti_2O , and ZrO_2 were obtained in alloys by means of powder metallurgy methods and electrodeposition, and also to L. P. Vershinina (IFKh AN SSSR) for the work "Cathode Behavior of Certain Metals under Conditions of Continuous Renewal of the Surface", where iron, nickel, lead, tin, and palladium were investigated; second place was awarded to A. P. Pchel'nikov (L. Ya. Karpov Physical Chemical Institute) for the report "Determination of the Corrosion Rate and Diffusion Current of an Indium Electrode by a Combination of Radiochemical and Electrochemical Measurements," N. Ya. Savel'eva (MISiS) for the report "Chemical and Electrical Chemical Treatment of the Surface of Mercury and Cadmium Tellurides," and V. A. Timonin (IFKh AN SSSR) for the work "Use of the Method of Impulse Passivation in Anodic Protection of Titanium"; third place went to the reports of T. M. Sigalovskaya (MIKhM) "Effect of the Nature of the Corrosive Medium on the Propensity for Stress Corrosion Cracking of Alloy AMG-6" and L. N. Solodkova (IFKh AN SSSR) "Comparison of Certain Methods of Measuring Internal Stresses of Electrolytic Deposits."

It is necessary to point out that there was appreciable preparatory work carried out by the organizational committee of the conference (Chairman R. L. Baru).