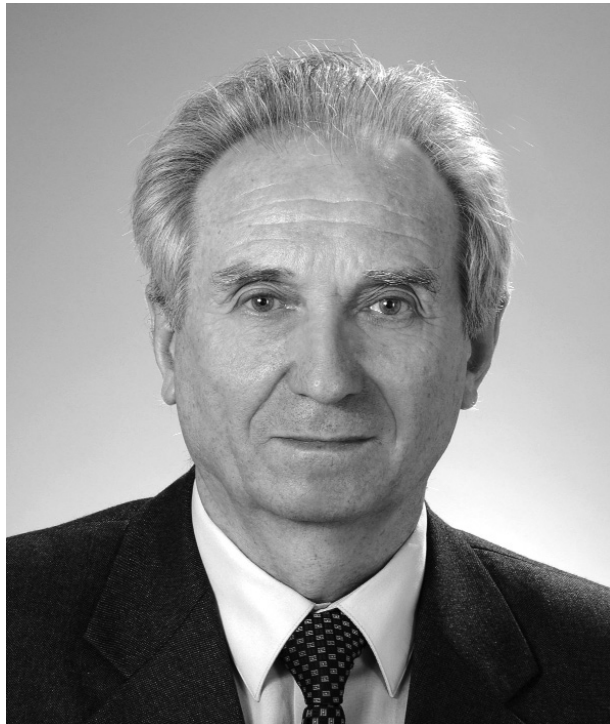

Anniversaries

PROFESSOR A.M. MALYSHENKO IS 70



On the 1st of October, 2007 Aleksander Maksimovich Malyshenko Doctor of Engineering, professor, a head of department of integrated computer-driven control systems at TPU was 70.

Having finished school in Gurievsk, Kemerovo region A.M. Malyshenko entered Tomsk Polytechnic Institute (TPI), electromechanical department; he graduated with honours in 1959 by profession «Electrification of industrial enterprises». He was placed on the department of automatics and telemechanics (AaT) at TPI which was established in the institute in September the 1st, 1958 at electromechanical department and became graduating for specialty «Automatics, robots and gauges». In 1956 there was the first intake to this specialty at radio engineering faculty.

That time the TPI department of automatics and telemechanics was not only understaffed with skilled faculty but it had not also the required laboratory equipment for training. In this connection the assistant of the department A.M. Malyshenko from the first days of working delivered lectures in discipline «Synchronous

communication systems and follow-up systems», organized the development of laboratory works on this discipline and carried them out with students. In a year of his work he was appointed the assistant professor of the department and in one more year sent to intentional graduate course at the department of automatics and telemechanics of Moscow power institute where he carried out dissertation studies connected with increasing accuracy of inertial navigation systems under the direction of associate professor (later professor) L.I. Tkachev. He defended successfully his Candidate's dissertation at the same institute.

Graduating the postgraduates course A.M. Malyshenko returned to the department of automatics and telemechanics at TPI (it was already included from 1961 into the faculty of automatics and computer science) and worked there as the assistant, then assistant professor and since October 1966 during 16 years – first as associate professor acting as a head of the department and later as associate professor, the head of this department till May, 1982.

The department of automatics and telemechanics became one of the most major graduating departments of the institute supporting engineer training on specialty «Automatics and telemechanics» at full-time, evening and correspondence faculties with annual student intake of 200 people under the direction of A.M. Malysenko. It was the only department for a long time training engineers of such profile in Asian part of the country. Its graduates were placed on enterprises and organizations of Siberia, Far East, Central Asia and Ural. Among them some people are awarded to the title of Honoured Scientist, laureate of State award, many of them became Doctors of Philosophy and Candidates of science, enterprise managers, key specialists in automation of processing and production.

Since 1981 at AaT department by the initiative of A.M. Malysenko engineers have been trained not only by profession «Automatics and telemechanics» but also «Robots and robotic systems» (for the first time beyond the Urals) with annual student intake of 50 people. In this connection AaT department is transformed in the department of automatics and robotics and in December 1986 it was divided into the department of automatics and telemechanics and the department of automatics and robotic systems.

From 1986 to 2003 A.M. Malysenko worked as an associate professor and since 2003 to 2007 as a professor of the department of robotic systems. From October the 1st till now A.M. Malysenko is a head of this department transformed at the end of 2007 into the department of integrated computer-driven control system (ICDCS). Tomsk Polytechnic University obtained licenses for the right of training engineers on specialties «Mechatronics» and «Automation of processing and production in oil and gas branch» by his initiative and at his direct participation in development of the required documentation; at present the department ICDCS trains engineers by these specialties along with training bachelors and masters by the field «Automation and control».

A.M. Malysenko is legally called one of the senior methodologists of the university. From 1967 to 1983 A.M. Malysenko was a member of TPI methodological council and was a head of methodological commission of academic curriculums and programs. That time much work was carried out by his initiative for methodological support of forming working academic curriculums and complete sets of working programs of subjects at all institute specialties which was awarded with bronze medal of USSR VDNKh. At the same period he worked actively in Methodological council on specialty «Automatics and telemechanics» and Scientific council on instrument engineering, electronics, computer engineering and automatics of Ministry of higher education. At present A.M. Malysenko is a member of university methodological council, Methodological council of RF Ministry of education and science in mechatronics and robotics, a member of two methodological commissions (in system analysis and control; mechatronics and robotics) of Siberian regional educational centre (SibREC)

and a member of Siberian regional educational association in radio engineering, electronics, biomedical equipment and automation. Last seven years A.M. Malysenko works as a member of a council of TPU Science and technical library.

A set of organization-normative documents used in University was developed by A.M. Malysenko. In particular, «Guidelines in planning professor work», «Individual plan of TPU professor work», «Position on publishing activities of Tomsk polytechnic university», «Position on editorial publishing council of TPU», «Position on TPU organization department «Tomsk polytechnic university press». «Temporary position on organizing educational process using credit and grade-rating marks of educational program mastering», practical book «Preparation for publishing manuals and teaching aids for higher schools» and «Position on organizing development of educational-methodological support of Innovation educational program of developing at the university the advance training of elite specialists and professional group of the world level in priority directions of science, engineering and technology» were developed in 2005, 2006 and 2007 respectively by the initiative of A.M. Malysenko and under his edition.

In 2007 A.M. Malysenko prepared for publishing a manual «Mathematical basis of system theory» and teaching aid «Collected test problems on automatic control theory» in co-authorship with associate professor O.S. Vadutov which are included in plan of issue in publishing house «Vysshaya Shkola».

A.M. Malysenko carried out great volume of scientific research. The main directions of his scientific researches are moving object control, qualimetry of fundamental properties of controlled objects and systems as well as theory of automatic control systems with command vector odd dimension. His Doctor of Philosophy was devoted to the results of researches of this class systems and was successfully defended in 1995. They are stated in monograph «Systems of automatic control with command vector odd dimension» published in 2005. A.M. Malysenko may be considered as a founder of scientific school on moving object control at the university. About 30 state budget researches and ODW including a number of researches to orders of Commission on country military-party affairs were carried out under his scientific direction and at his direct participation. At present he directs the researches in state budget research «Mathematical modeling, analysis and synthesis of controlled systems with event-dynamic and cyclic processes» on modeling, reengineering of business-processes and development of quality management system of Scientific and technical centre «OC Rosneft» (Krasnodar).

A.M. Malysenko trained two Doctors of Philosophy and 14 candidates of science; he is the author of 13 inventions, 7 monographs and more than 200 scientific and methodological works; he edited several training editions and scientific and technical books. He participates actively in certification of engineering and scientific personnel being a member of two dissertation councils on conferring academic degrees of Doctor of

Philosophy and one council on conferring scientific degrees of candidates of science at TPU and one Doctor council at Tomsk state university of control systems and radio electronics (TSUCSRE) as well as the head of State certification commission on specialty «Design and technology of computer facilities» in TSUCSRE.

In 1996 A.M. Malysenko was elected a corresponding member of the Academy of electrotechnical sciences in Russia and in 2002 – a member of International academy of science of high school.

A.M. Malysenko was rewarded with the order of Friendship, medals «For work distinction», «For valorous work. In commemoration of 100th anniversary of V.I. Lenin», «Veteran of work», a sign «Honorary workman of Russia higher education» as well as non-governmental medals: «For service for the country» of Political consultative centre of RF and «100 anniversary of Russian labor unions» of Russian independent labor union

Federation for long-term fruitful training, scientific, methodological and educational work in High school. He was conferred titles «European professor of engineering high school», «Honorary professor of the Tomsk polytechnic university». He was rewarded with the medal of the II degree «For merits towards the Tomsk polytechnic university» for contribution to the university development and medal «Tomsk is 400» for merits towards Tomsk. .

According to the results of work for 2001 and 2005 in the contest of the university faculty A.M. Malysenko was awarded «Professor of the year».

The team of the faculty of automatics and computer engineering, his colleagues at the department of integrated computer-driven control systems congratulate professor Aleksander Maksimovich Malysenko on anniversary and wish him new successes in work, good health, happiness and prosperity.

PROFESSOR V.I. GONCHAROV IS 70



Valeriy Ivanovich Goncharov, professor of the department ACEF of TPU was born on 15th of August, 1937 in Altai. He spent his school years in very beautiful places in the south of Kemerovo region in Gornaya Shoriya. His parents worked in electric communication system – at radio and telegraph. It may be influenced the choice of specialty: in 1955 V.I. Goncharov entered the radio engineering faculty of TPI. Since that time his life is completely connected with TPI–TPU.

In 1970 Valeriy Ivanovich defended Candidate's thesis, in 1995 he defended the Doctor of Philosophy. Work in High school proposes not only teaching activity but also educational, methodological, social, scientific activities.

Social work was significant in the period of USSR existing. That time V.I. Goncharov was engaged in social work as the most part of people. He was a chairman of union office and secretary of party office of the faculty, a member of party committee of the institute.