Doctor of Technical Sciences, Professor, Professor of the Department of Engineering Technologies and Materials, Irkutsk National Research Technical University, Honored Worker of the Higher School of the Russian Federation, Honored Professor of INRTU, Honorary Worker of Higher Professional Education of the Russian Federation.

Semyon Azikovich Zaides was born on November 15, 1947 in Irkutsk. In 1967 he graduated with honors from the Irkutsk Aviation Technical School, specializing in cold metal cutting, and in 1972 he graduated from the Irkutsk Polytechnic Institute (IPI), Mechanical Engineering Faculty, specializing in Mechanical Engineering, Metal-Cutting Machines and Tools.

All work activities of S.A. Zaides is associated with the Irkutsk National Research Technical University (formerly IPI, ISTU). From 1972 to 1990 worked at the Department of Strength of Materials as an assistant, senior teacher, associate professor. In 1979 he graduated from full-time postgraduate study at the Magnitogorsk Mining and Metallurgical Institute after G.I. Nosov and defended his Ph.D. thesis in the specialty "Processing of metals by pressure". From 1990 to 2001, he worked at the department "Technology of mechanical engineering" as an associate professor, and since 2000 - as a professor.

In 1999 he defended his doctoral dissertation: "Theoretical foundations of encompassing surface plastic deformation, technology and equipment" in two specialties: 05.02.08 - "Technology of mechanical engineering" and 05.03.01 - "Processes of mechanical and physical-technical processing, machines and tools" ... In 2000, he was awarded the academic title of professor at the Department of Mechanical Engineering Technology. In 2001 S.A. Zaides was elected by competition as the head of the Department of Mechanical Engineering Technologies and Materials, which he headed until 2021.

Professor Zaydes S.A. is known in the country for his fundamental work in the field of finishing and hardening processing of cylindrical products of low rigidity. He created the scientific direction "Technological mechanics of finishing and hardening processes", developed theoretical and technological foundations, equipment, tools and tooling.

Zaides S.A. - the author and co-author of more than 550 published scientific works, including 17 monographs and 38 patents of the Russian Federation for inventions, most of which have been introduced or recommended for implementation in production.

Zaides S.A. conducts effective work on training highly qualified scientific personnel. Under his leadership, 15 candidate and 18 master's theses were prepared and successfully defended.

Zaides S.A. conducts active scientific and social work: he is a member of two dissertation councils (D212.073.02 and D212.073.04) at the Irkutsk National Research Technical University for the defense of doctoral and candidate dissertations, is the scientific supervisor of postgraduate studies in the specialties 05.02.08 - Technology of mechanical engineering, 05.03.01 ... - Processes of mechanical and physical-technical processing, machines and tools, 05.09.01 - Materials science and master's degree in the direction 15.04.01 - Mechanical engineering.

S.A.Zaides is a member of the Expert Council of the regional state autonomous institution "Krasnoyarsk Regional Fund for Support of Scientific and Scientific and Technical Activities", a member of the Regional Scientific and Technical Council "Welding, Related Processes and Technologies" to improve the efficiency of welding production in Russia and Kazakhstan, a member of the Methodological Council , member of the Editorial and Publishing Council and thematic editor of IRNITU, chairman of the expert commission of the Institute of Aviation Engineering and Transport.

Zaides S.A. is the editor-in-chief of the interuniversity collection of scientific papers "Life Cycle of Structural Materials", a member of the editorial board of the journal Vestnik ISTU, Vestnik IRO AN VSH Russia, Molodezhny Vestnik ISTU, a member of the editorial board of the international journal Central-Asian Material Science Journal.

S.A. Zaides works fruitfully in the field of training mechanical engineers, is a qualified organizer of the educational process of higher education. For the preparation of bachelors and masters in the direction of Mechanical Engineering, Professor Zaides S.A. prepared and implemented new disciplines into the educational process (Damage and destruction of welded structures, Physical and mechanical properties and testing of materials, Properties of materials and damage welded structures, Development of

personal creativities, etc.). In 2014, on the basis of the Irkutsk Relay Plant, a training and research laboratory "Technologies of radio-electronic components" was created.

Scientific researches by S.A. Zaides are associated with international activities. The training of highly qualified scientific personnel for Vietnam is being actively pursued. Under his leadership, 5 candidate dissertations have been successfully defended, one thesis is being prepared for defense.

Zaides S.A. completed scientific internships in research and testing of materials in Moscow, Great Britain and Denmark. Research results were demonstrated at international exhibitions in China, Mongolia, Yugoslavia (Serbia).

In 2011, Professor S.A. Zaides was awarded the honorary title "Honored Worker of the Higher School of the Russian Federation", in 2013 - "Honored Professor of INRTU". He was awarded a Certificate of Merit and a Letter of Appreciation from the Ministry of Industrial Policy and Forestry of the Irkutsk Region. In 2012 he was included in the list of successful people in Russia, published in the international Swiss publishing house "Who is Who" in Russia.

In 2018, he became the winner of the competition for teachers of higher educational institutions of the Russian Federation "Golden Names of the Higher School". In 2019 S.A. Zaides became a laureate of the competition named after the first printer I. Fedorov, in 2019 he received the honorary title of "Professor of the Year" in the Siberian Federal District. He is a full member of the Russian Academy of Natural Sciences, a corresponding member of the Russian Engineering Academy, a corresponding member of the Siberian Academy of Sciences of the Higher School, a full member of the Academy of Quality Problems.

Information about Professor S.A. Zaides presented in the following editions:

1. Professors of Irkutsk State Technical University. Publishing house ISTU, 2000. –207 p.
2. Who is Who in Russia. Biographical encyclopedia of successful people in Russia. International Swiss publishing house. Hubners Who is Who. 2012. –2984 p.
3. Golden names of higher education: Book of honor for teachers of higher educational institutions of the Russian Federation. M. Publishing House of the League of Higher School Teachers, 2018. - 200 p.
4. International Encyclopedia of Scientists "Commonwealth of Independent States - 2019" - Nur-Sultan, 2019 - 185 p.

For long-term, conscientious work at the university, he was awarded the "Veteran of Labor" medal, awarded the honorary title "Honorary Worker of Higher Professional Education", for achievements in the field of scientific research he was awarded the RANS badge "For the Glory and Benefit of the Fatherland". In 2017, by the decree of the governor, he was awarded the badge "80 years of the Irkutsk region", in 2019 he was awarded the I. Fedorov medal for the scientific publication "Encyclopedia of PPD".