Curriculum Vitae

<table>
<tr><td rowspan="6">Personal Information</td><td>Name</td><td>Aleksander Sładkowski</td><td>Gender</td><td>Male</td><td rowspan="3">  </td></tr>
<tr><td>Academic Title</td><td colspan="3">Prof., DSc., mult. dr.h.c. & prof.h.c.</td></tr>
<tr><td>College</td><td colspan="3">Silesian University of Technology, Faculty of Transport and Aviation Engineering</td></tr>
<tr><td>Discipline</td><td colspan="4">Transport, Logistics, Mechanics</td></tr>
<tr><td>Email</td><td colspan="4">aleksander.sladkowski@polsl.pl</td></tr>
<tr><td>Mail Add.</td><td colspan="4">aleksander.sladkowski@gmail.com</td></tr>
<tr><td>Educational Background</td><td colspan="5">• 2002 – Dnepropetrovsk, Ukraine
TITLE OF PROFESSOR – National Metallurgical Academy of Ukraine confirmed by Ukrainian and Polish Government
Transport engineering, mechanical engineering, applied mechanics
• 1997 – Dnepropetrovsk, Ukraine
DR. OF TECHNICAL SCIENCES (HABILITATION) – National Mining University of Ukraine
Transport engineering, mechanical engineering, mining machines
• 1987 – Dnepropetrovsk, Ukraine
DR. OF PHYSICAL AND MATHEMATICAL SCIENCES (PhD.) – Dnepropetrovsk State University
Mechanical engineering, mechanics of deformed rigid body
• 1978 – 1981 – Dnepropetrovsk, Ukraine
POST-GRADUATE COURSES – Dnepropetrovsk State University
Mechanical engineering, mechanics of deformed rigid body
• 1973 – 1978 – Dnepropetrovsk, Ukraine
MSc – Dnepropetrovsk State University, Faculty of Mechanics and Mathematics
Mechanical engineering, Dynamics and Strength of Machines</td></tr>
<tr><td>Working Experience</td><td colspan="5">• 2000 – CURRENT
FULL PROFESSOR, COORDINATOR FOR INTERNATIONAL RELATIONS – SILESIAN UNIVERSITY OF TECHNOLOGY, FACULTY OF TRANSPORT AND AVIATION ENGINEERING
Professor & Head of the research group of the Department of Rail Transport (2000-2006), Professor & Head of the Department of Logistics and Industrial Transportation (2007-2017), Professor & Head of the Department of Logistics and Aviation Technologies (2017-2018), Professor & Head of the Department of Logistics and Transport Technologies (2018-2020), Professor of the Department of Railway Transport (from 2021)
Katowice, Poland
• 1987 – 2000
IN CONSECUTIVE ORDER: SENIOR STAFF SCIENTIST, ASSOCIATE PROFESSOR, PROFESSOR – NATIONAL METALLURGICAL ACADEMY OF UKRAINE</td></tr>
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	Researcher & head of research group of the Department of Apply Mechanics, worked on the problems of railway transport Dnepropetrovsk, Ukraine • 1978 – 1987 **IN CONSECUTIVE ORDER: ENGINEER, JUNIOR STAFF SCIENTIST, HEAD OF DIVISION – DNEPROPETROVSK STATE UNIVERSITY** Researcher & head of research group in Research Laboratory of Strength and Reliability of Constructions, in Branch Diagnostic Laboratory of Holography; in Department of Apply Theory of Elasticity, worked on the problems of contact mechanics Dnepropetrovsk, Ukraine
Research Interests	Transport, Logistics, Mechanics
Major Publications*	• Abdirassilov, Zh. & Sładkowski, A. Application of artificial neural networks for short-term prediction of container train flows in direction of China – Europe via Kazakhstan. Transport Problems. 2018. Vol. 13. No. 4. P. 103-113. ISSN 1896-0596. • Sładkowski, A. (ed.) Modelling of the interaction of the different vehicles and various transport modes. Lecture notes in intelligent transportation and infrastructure. Cham: Springer Nature Switzerland AG. 2020. 527 p. ISBN 978-3-030-11511-1. • Sładkowski, A. (ed.) Ecology in transport: problems and solutions. Lecture notes in networks and systems 124. Cham: Springer Nature Switzerland AG. 2020. 575 p. ISBN 978-3-030-42322-3. • Sładkowski, A. & Proydak, Yu. & Ruban, V. Increasing the resource of milling cutters used to process the locomotive wheelsets. Part 2: Study of stressed-deformed state. Transport Problems. 2020. Vol. 15. No. 3. P. 139-151. ISSN 1896-0596. • Sładkowski, A. & Utegenova, A. & Kuzmin, S. & Rakishev, B. & Stolpovskikh, I. Energy advantages of container transport technology in deep careers. Naukovyi Visnyk NHU. 2019. No. 5 (173). P. 29-34. ISSN 2071-2227.
Research Projects*	• Project Erasmus+ Capacity Building in Higher Education Call 2017 EAC/A03/2016 (585832-EPP-1-2017-1-IT-EPPKA2-CBHE-JP Italy UNIVERSITA DEGLI STUDI DI ROMA TOR VERGATA „Master in smart transport and logistics for cities (SmaLog)"; • Visegrad Grant No. 21930004 "Special Section and Workshop on Seminar of Track Management STRAHOS"; • Project CEEPUS CIII-RS-1011-06-2021 Fostering sustainable partnership between academia and industry in improving applicability of logistics thinking (FINALIST); • Project CEEPUS CIII-SI-1313-03-2021 Autonomous Vehicles Universities (AutoAuto); • Project CEEPUS CIII-BG-1502-01-2021 Modern Approaches for Design, Production and Operation of Vehicles (MADPOV)
Professional Membership	1. Member of the Polish Society of Theoretical and Apply Mechanics; 2. Member of the Polish Society of Transport Telematics; 3. Member of the Polish Association of Engineers & Technicians of Transportation; 4. Member of EEDC (European Engineering Deans Council) (2012-2017); 5. Federation of Scientific and Technical Unions in Bulgaria, member of the Club of Mechanical Engineers (territorial organization of scientific and technical experts in Rousse); 6. Member of the European Society for Engineering Education (SEFI);

	7. Honorary member of Sci. Council of Inst. of Machine Mechanics of GNAS (from 2017, Georgia); 8. Professor Honoris Causa of USURT (Russia, 2013); 9. Academician of Russian Academy of Transport (RAT) (2013); 10. Doctor Honoris Causa of VUNU (Ukraine, 2015); 11. Member of the Union of Scientists in Bulgaria (2016); 12. Doctor Honoris Causa of the University of Ruse (Bulgaria, 2018); 13. Professor Honoris Causa of DIIT (Ukraine, 2019); 14. Editor-in-Chief of Int. Sci. J. "Transport Problems" (Scopus & WoS); 15. Member of Editorial Board or Committees of 29 Scientific Journals; 16. Chairman, Member of Committees of 48 Congresses, Conferences and Schools.
Potential Research Projects**	• Development of new logistics solutions for the New Silk Road (joint project of China, Kazakhstan, Uzbekistan, Azerbaijan, Georgia, Ukraine, Poland). • Analysis of contact interaction in a pair of wheel - rail for normal and wide gauge and the development of a joint wheel profile (joint project with the possible participation of China, Kazakhstan, Georgia, Turkey, Ukraine and Poland).

* Please list achievements of recent 5 years

** This CV is intended to match Chinese and Polish Scientists within SPUC member universities, and Potential Research Projects is intended to apply for Sino-Polish or EU scientific cooperation projects.