Curriculum Vitae

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<tr><td rowspan="7">Personal Information</td><td>Name</td><td>Grzegorz Struzikiewicz</td><td>Gender</td><td>Male</td><td rowspan="3">  </td></tr>
<tr><td>Academic Title</td><td colspan="3">PhD Eng.</td></tr>
<tr><td>College</td><td colspan="3">Cracow University of Technology</td></tr>
<tr><td>Discipline</td><td colspan="4">Mechanical Engineering</td></tr>
<tr><td>Email</td><td colspan="4">grzegorz.struzikiewicz@pk.edu.pl</td></tr>
<tr><td>Telephone (office)</td><td colspan="4">+48 12 628 32 60</td></tr>
<tr><td>Mail Add.</td><td colspan="4">Faculty of Mechanical Engineering, Cracow University of Technology ,Al. Jana Pawła II 37, 31-864 Kraków, Poland</td></tr>
<tr><td>Educational Background</td><td colspan="5">PhD - 2008 – Mechanical Engineering, Cracow University of Technology, Poland
MSc Eng.- 1999 - Automation and Robotics, Cracow University of Technology, Poland
additionally:
1999-2000 Polish – American School of Business, Wroclaw University of Technology, Poland</td></tr>
<tr><td>Working Experience</td><td colspan="5">2007 – present - assistant professor, adjunct in the Production Engineering Institute, Faculty of Mechanical Engineering, Cracow University of Technology, Cracow, Poland</td></tr>
<tr><td>Research Interests</td><td colspan="5">Cutting processes, difficult-to-cut materials, nickel and titanium alloys, cutting parameters optimization, high speed and thermal camera applications, cutting force measurement, cutting tools, simulation of cutting processes, CNC machine tools</td></tr>
<tr><td>Major Publications*</td><td colspan="5">[1] W. Zębala, G. Struzikiewicz, B. Słodki Reduction of power consumption by chip breakability control in Ti6Al4V titanium alloy turning. Materials– 2020, Vol. 13, Iss. 11 – doi: 10.3390/ma13112642
[2] G. Struzikiewicz, A. Sioma Evaluation of surface roughness and defect formation after the machining of sintered aluminum alloy AlSi10Mg. Materials – 2020, Vol. 13, Iss. 7 – doi: 10.3390/ma13071662
[3] B. Słodki, W. Zębala, G. Struzikiewicz Turning titanium alloy, grade 5 ELI, with the implementation of high pressure coolant. Materials – 2019, Vol. 12, Iss. 5 – doi: 10.3390/ma12050768
[4] G. Struzikiewicz, W. Zębala, B. Słodki Cutting parameters selection for sintered alloy AlSi10Mg longitudinal turning. Measurement – 2019, Vol. 138, s. 39-53. – doi: 10.1016/j.measurement.2019.01.082.
[5] G. Struzikiewicz, W. Zębala, A. Matras, M. Machno, Ł. Ślusarczyk, S. Hichert, F. Laufer Turning research of additive laser molten stainless steel 316L obtained by 3D printing. Materials – 2019, Vol. 12, Iss. 1 – doi: 10.3390/ma12010182
[6] Cz. Niżankowski, G. Struzikiewicz Comparative tests of the proper active grinding powers and maximum grinding temperatures, conducted on corrosionresistant steel surfaces, using aluminium oxynitride and noble electrocorundum grinding wheels. The International Journal of Advanced Manufacturing Technology – 2017, Vol. 89, Iss. 1.– doi: 10.1007/s00170-016-9084-4.</td></tr>
<tr><td>Research Projects*</td><td colspan="5">1. Participation in three research projects under the INNOLOT program in 2014 - 2017</td></tr>
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	2. Participation in the international research project and Polish-German personal exchange between the Cracow University of Technology and Otto-von-Guericke-Universität zu Magdeburg in 2019. 3. Participation in the international cooperation between the Cracow University of Technology and the Vienna University of Technology Austria in 2018-2021.
Professional Membership	1. SIMP - Association of Polish Mechanical Engineers and Technicians 2. PTZP - Polish Association for Production Management 3. European Association for the Advancement of Science and Technology "EUROSCIENCE"
Potential Research Projects**	Available projects of scientific cooperation in the area of cutting and additive processes, monitoring and analysis of machining, difficult-to-cut materials, cutting tools, cutting tool materials.

* 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.