

Qualifications of the individual for defining area of expertise

<i>Name/ Birth year</i>	Zbislław Tabor / 1970
<i>Title (year degree obtained) / Prof. status</i>	Ph. D. Physics (1999) / research scientist DSc. Biocybernetics and Biomedical Engineering (2011) / associate professor Professor in technical sciences (2018)
<i>Address¹</i>	AGH University of Science and Technology, 30, Mickiewicza Ave. 30-059 Krakow, Poland ztabor@agh.edu.pl ORCID: 0000-0002-9688-9718
<i>Area of expertise²</i>	image analysis machine learning, explainable AI physics in medicine natural language processing and understanding large language models
<i>Recent publications³</i>	https://sites.google.com/site/zbislawtaborresearchpage/publications
<i>Publications statistics:</i>	Google Scholar: Publications: 134, Citations: 1432, H-index: 21
<i>Other⁴</i>	<p><i>didactic responsibilities</i></p> <p><i>Machine Learning</i> Design and Analysis of Experiments Statistics Biocybernetics Modelling and identification of biological systems Voice communication with computer</p> <p><i>major grants</i> <i>Project: "Integrating reasoning, learning, optimization, and interpretation to accelerate commercialization of next-generation intelligent software systems"</i> Responsibilities: task leader, principal investigator Period: 2023-2027 Centre: AGH University of Cracow Funded by National Science Centre, Poland, ARTIQ/0004/2021</p> <p><i>Title: X-rAI: Diagnostic browser for radiology with computer aided engineering using Artificial Intelligence</i> Responsibility: leader at AGH Period: 2021-2022 Centre: AGH University of Science and Technology Funds: National Centre for Research and Development, :POIR.01.01.01-00-1666/20</p>

¹ Organisation, street address, telephone, email, web page

² With keywords characterising your field(-s) of expertise

³ Max. 10

⁴ List didactic, major grants, conference responsibilities, professional recognitions, memberships, journals, patents, etc.

	<p><i>Title: A reconfigurable detector for measuring the spatial distribution of radiation dose for applications in the preparation of individual patient treatment plans</i></p> <p>Responsibility: managing committee member</p> <p>Period: 2019-2023</p> <p>Centre: Cracow University of Technology</p> <p>Funds: Foundation for Polish Science, <i>POIR.04.04.00-00-15E5/18</i></p> <p>Title: Phantom for exploitation tests of radiotherapeutic devices in teleradiotherapy</p> <p>Responsibility: project leader</p> <p>Period: 2017-2020</p> <p>Centre: Cracow University of Technology</p> <p>Funds: National Centre for Research and Development, <i>POIR.04.01.04-00-0014/16</i></p> <p>Title: Research on spatial navigation methods in endoscopic diagnostics of the peripheral lung nodule</p> <p>Responsibility: project leader</p> <p>Period: 2015-2018</p> <p>Centre: Cracow University of Technology</p> <p>Funds: National Centre for Research and Development, <i>PBS3/A9/31/2015</i></p>
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