



APPLICATION OF A POTENTIAL SUPERVISOR in the recruitment process of doctoral students and participants and/or TUTOR/SCIENTIFIC TUTOR of the extramural/external mode ("mode E") at SWPS University		
<b>Name and surname</b> of the supervisor	Karol Murlak	
<b>Name of the research center/research group/artistic group</b> to which the supervisor belongs		
<b>List</b> of the most important scientific publications, completed and ongoing research grants; link to ORCID and/or to the ResearchGate / Academia.edu profile (or other website presenting scientific/artistic achievements)	<p><b>ORCID:</b> 0000-0001-8194-0501</p> <p><b>Research Gate:</b> <a href="https://www.researchgate.net/profile/Karol-Murlak">https://www.researchgate.net/profile/Karol-Murlak</a></p> <p><b>Articles:</b> — Expanding wood: Developing and validating a new material, DOI: <a href="https://doi.org/10.1386/crre_00068_1">https://doi.org/10.1386/crre_00068_1</a> — Bending and energy absorption performance of novel openwork wooden panels, DOI: <a href="https://doi.org/10.1007/s00107-022-01795-6">https://doi.org/10.1007/s00107-022-01795-6</a></p> <p><b>Grants:</b> — NSF Convergence Accelerator — Track J — 750.000,00 USD <a href="https://nsf.gov/awardsearch/showAward?AWD_ID=2236235&amp;HistoricalAwards=false">https://nsf.gov/awardsearch/showAward?AWD_ID=2236235&amp;HistoricalAwards=false</a> — MSCA Doctoral Networks 2022 (HORIZON-MSCA-2022-DN-01) — 2,682,014 EUR <a href="https://codesign4transitions.eu/">https://codesign4transitions.eu/</a></p>	
<b>Discipline</b> for a future doctoral dissertation (possible: sociology, political and administrative sciences, culture and religion sciences, literary studies, psychology, fine arts and art conservation)	Fine arts and art conservation	
<b>A brief description</b> of the research directions pursued by the supervisor (a few sentences describing the scientific/artistic specialization; main research problems; scientific interests) and a possible link to the website/research team	I work at the intersection of design and science, creating knowledge through design practice or discovering practical applications for existing knowledge. I am particularly interested in both new and traditional materials—their production, applications, and perception.	
<b>Thematic areas</b> of planned doctoral dissertations	<ul style="list-style-type: none"> <li>— Creating new materials and discovering innovative uses for existing materials</li> <li>— Examining the role of physical models in problem-solving</li> <li>— Researching and improving the design process</li> <li>— Exploring and enhancing design education</li> </ul>	
<b>Number of people</b> that the supervisor / scientific supervisor would be able to accept as a result of recruitment in the academic year 2026/2027:	<b>to the Doctoral School</b> (doctoral scholarship financed by SWPS University)	Number: 1
	<b>for national and international research projects or grants</b> (doctoral scholarship)	Number: 0 Project name: 0

	financed from grant funds)	
	<b>to the Industrial Doctorate program</b> (doctoral scholarship financed by the Ministry of Science and Higher Education)	Number: 1
	<b>for external mode</b> (no doctoral scholarship)	Number: 1
<b>Number</b> of currently conducted doctorates:	in Doctoral School	Number: 1
	in external mode	Number: 2
<b>The number of doctoral students promoted so far</b> , along with the year of completing their doctoral degrees:	0	
<b>RECRUITMENT</b> Candidates should contact their selected potential supervisors who are members of centers and/or research teams		
<b>Conditions</b> to be met by the candidate in the field of: scientific interests; scientific competences; achievements to date; knowledge of foreign languages; social competences; availability, etc.	<ul style="list-style-type: none"> <li>— Strong problem-solving and analytical thinking skills</li> <li>— Ability to independently complete tasks as part of a larger project</li> <li>— Excellent organizational skills</li> <li>— Fluency in English</li> </ul>	
<b>Preferences</b> regarding contact with the candidate during recruitment	<input checked="" type="checkbox"/> E-mail contact: please provide e-mail address: _____ <input type="checkbox"/> Telephone contact: <i>please provide phone number:</i> _____ <input checked="" type="checkbox"/> Personal meetings ( <i>by prior arrangement by e-mail/telephone</i> ) <input type="checkbox"/> All forms of contact	
<b>Preferred dates, times and location</b> (in the period March-June 2026) in order to conduct an interview with the candidate	My calendar is very irregular. Each week I have differently organized classes and meetings. Please confirm availability by e-mail.	
<b>Information</b> about possible absence preventing candidates from contacting a potential supervisor (with dates)	Vacations form 15.07-15.08	