

(may not exceed 2 pages)

Qualifications of the individual for defining area of expertise in Biosignal Group

<i>Name/ Birth year</i>	Fabian Bogusz / 1995
<i>Title (year degree obtained) / Prof. status</i>	MSc. BME. (2019)
<i>Address¹</i>	AGH University of Krakow, 30, Mickiewicza Ave. 30-059 Krakow, Poland fbogusz@agh.edu.pl
<i>Area of expertise²</i>	magnetic resonance signal modelling, diffusion imaging, compressed sensing, optimization, artificial neural networks
<i>Relevant (best) publications³</i>	<ol style="list-style-type: none"> 1. Bogusz F., Pieciak T., Afzali M., Pizzolato M., "Diffusion-relaxation scattered MR signal representation in a multi-parametric sequence." Magnetic Resonance Imaging 91 (2022): 52-61, IF 2,5 2. Girard G., [et al.], Bogusz F., Pieciak T., et al. "Tractography passes the test: Results from the diffusion-simulated connectivity (disco) challenge." NeuroImage 277 (2023): 120231, IF 4,7 3. De Luca A., [et al.], Pieciak T., Bogusz F., et al., "On the generalizability of diffusion MRI signal representations across acquisition parameters, sequences and tissue types: Chronicles of the MEMENTO challenge." NeuroImage 240 (2021): 118367, IF 7,4
<i>Other⁴</i>	<i>didactic responsibilities</i> 2025, assistant professor AGH-UST, "Neural Networks" 2024, assistant professor AGH-UST, "Computational Intelligence in Digital Data Analysis" 2023, assistant professor AGH-UST, "Digital Signal Processing" 2022 – to date, assistant professor AGH-UST, "Dedicated Algorithms for Medical Diagnostics"

¹ Organisation, street address, telephone, email, web page² With keywords characterising your field(-s) of expertise³ Max. 10⁴ List didactic, major grants, conference responsibilities, professional recognitions, memberships, journals, patents, etc.