Data of Supervisors of the Doctoral School at WPUT

Supervisor: (academic titles and degrees, name and surname)	dr hab. inż. Tomasz Hyla
Units:	Faculty of Computer Science and Information Technology Department of Software Engineering and Cybersecurity
E-mail:	thyla@zut.edu.pl;
Contact:	thyla@zut.edu.pl; 914495662
ORCID	https://orcid.org/0000-0003-2115-5338
Scientific Discipline(s):	Information and Communication Technology Research Council
Research Areas (max. 2000 characters):	My main research direction concerns digital signatures and new methods enabling their implementation (blockchain, bilinear mappings, post-quantum cryptography). I also deal with aspects of maintaining privacy on the Internet. Examples of research areas for the implementation of the doctorate: - using blockchain to build secure digital archives (research on consensus protocols); - using blockchain in access control mechanisms; - public key infrastructure based on post-quantum signature schemes; - using artificial intelligence in cybersecurity.
Keywords (max. 10):	cryptography, cybersecurity, digital signature, access control, blockchain, cryptocurrencies, artificial intelligence