

LIST OF DISSERTATIONS TOPICS FOR DOCTORAL STUDIES COURSES IN 2022

TECHNOLOGICAL SCIENCES

Scientific area	Topics of doctoral dissertations	Supervisors
INFORMATICS ENGINEERING – T 007	1. <i>Intelligent technologies in the development of cyber-physical-social systems</i>	Prof. Dalė Dzemydienė Prof. Saulius Gudas Prof. Audrius Lopata
	2. <i>Computer-assisted teaching and learning</i>	Prof. Valentina Dagienė Dr. Vladimiras Dolgopolas Doc. Tatjana Jevsikova
	3. <i>Parallel and distributed computing</i>	Doc. Algirdas Lančinskas Prof. Remigijus Paulavičius Prof. Julius Žilinskas
	4. <i>Computational intelligence in economics, medicine, bioinformatics, chemoinformatics, robotics and other domains</i>	Prof. Igoris Belovas Dr. Jolita Bernatavičienė Dr. Andrius Čiginas Prof. Gintautas Dzemyda Prof. Saulius Gražulis Prof. Audronė Jakaitienė Prof. Olga Kurasova Dr. Virginijus Marcinkevičius Prof. Aistis Raudys Doc. Gintautas Tamulevičius Doc. Povilas Treigys Prof. Julius Žilinskas
	5. <i>Distributed ledger technologies and cybersecurity</i>	Prof. Igoris Belovas Doc. Ernestas Filatovas Dr. Virginijus Marcinkevičius Dr. Viktor Medvedev Prof. Remigijus Paulavičius Prof. Julius Žilinskas
	6. <i>Artificial intelligence-based image, audio, streaming data and natural language processing technologies</i>	Prof. Igoris Belovas Dr. Jolita Bernatavičienė

		Dr. Gražina Korvel Dr. Virginijus Marcinkevičius Prof. Aistis Raudys Doc. Gintautas Tamulevičius Doc. Povilas Treigys
	<i>7. Cognitive computing technologies: artificial intelligence, deep learning, big data, classification, recognition</i>	Dr. Jolita Bernatavičienė Prof. Gintautas Dzemyda Prof. Olga Kurasova Dr. Viktor Medvedev Prof. Aistis Raudys