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<https://iiakm.org/conference/>

Invited Talk

Status of the project: Development of a cyber security training programs

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Abstract:

Cybersecurity is one of the key areas and focuses of the Slovenian, European as well as global governments and markets. Within the Slovene national project RUKIV, we address training and education in the field of cybersecurity, in order to produce a comprehensive way to tackle the deficiency of professionals in the cybersecurity field. The aim and objective is to provide additional knowledge and skills or competences through formal education and/or informal trainings in the field of cybersecurity in a structured and comprehensive way. This will offer a systematic development of competences to tackle the complex challenges in the field of cybersecurity. A systematic approach was taken, where firstly, an overview and analysis of the field of cybersecurity education was made, i.e., an analysis of curriculum and training guidelines, a review of existing study and training programmes in Slovenia and EU, and an overview of the digital competences needed by cybersecurity professionals. A comprehensive proposal for advanced higher education curricula as well as a training curriculum, taking into account the latest technological developments, will be made through consultation with ICT and cybersecurity experts.

About the Speaker:

Muhamed Turkanović received his PhD in the field of Computer Science and Informatics in 2016. He has more than 10 years of (international) industry experience as a developer, technical development manager, technical director and owner of IT companies, etc. In 2017, he started to work full time at the University of Maribor as a university lecturer/professor, teaching subjects related to data technology and cybersecurity. In addition to this, he is also an external lecturer at the University of Zagreb. In 2017 he established the Blockchain Lab:UM within the Institute of informatics, where he is also the Head of R&D. Since 2019 he is the Head of Operations at the Digital Innovation Hub at the University of Maribor and since 2020 the coordinator of the consortium DIGI-SI, which is also the Slovene candidate for the EDIH. He is also the Deputy Head of the Institute of Informatics, as well as the coordinator of the University Study Programme Informatics and Data Technologies. Furthermore, he is the president of the Blockchain Technical Committee at Slovenian Institute for Standardization, member of the Strategic Digitization Council for the Government of Slovenia, the University of Maribor's coordinator for the H2020 project Digital Europe for All, DIH-World, Adma Trans, Data4Food2030, as well as for the Interreg Alpine Space project SmartVillages, etc.

