

Research/teacher profile of a person

Date of last update 31/12/2025

I. Basic information	
I.1 Surname	Kostrec
I.2 Name	Matej
I.3 Degrees	JUDr., PhD.
I.4 Year of birth	1977
I.5 Name of the workplace	Department of Information Science and Management
I.6 Address of the workplace	Academy of the Police Force in Bratislava, Sklabinská 1, 835 17 Bratislava
I.7 Position	Head of department
I.8 E-mail address	matej.kostrec@minv.sk matej.kostrec@akademiapz.sk
I.9 Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/9
I.10 Name of the study field in which a person works at the university	Security Sciences
I.11 ORCID iD	

II. Higher education and further qualification growth			
	II.a Name of the university or institution	II.b Year	II.c Study field and programme
II.1 First degree of higher education	-	-	-
II.2 Second degree of higher education	Academy of the Police Force in Bratislava	2008	Security Services
II.2a Rigorous procedure	Academy of the Police Force in Bratislava	2009	Security Services
II.3 Third degree of higher education	Academy of the Police Force in Bratislava	2013	Theory of Police Sciences
II.4 Associate professor	-	-	-
II.5 Professor	-	-	-
II.6 Doctor of Science (D.Sc.)	-	-	-
II.7 Further education	Academy of the Police Force in Bratislava	2008	Additional teacher certification

III. Current and previous employment		
III.a Occupation-position	III.b Institution	III.c Duration
University teacher	Academy of the Police Force in Bratislava	2008 – present 2008 Assistant 2015 Assistant Professor 2025 Head of department
Self-employed person		2000 - 2008

IV. Development of pedagogical, professional, language, digital and other skills		
IV.a Activity description, course name, other	IV.b Name of the institution	IV.c Year
MEPA Certificated course	Academy of the Police Force in Bratislava	2022
MEPA specialized language course	Academy of the Police Force in Bratislava	2021
MEPA specialized language course	Academy of the Police Force in Bratislava	2020

MEPA specialized language course	Academy of the Police Force in Bratislava	2019
MEPA specialized seminar Darknet undercover operation	Academy of the Police Force in Bratislava	2019
MEPA specialized language course	Academy of the Police Force in Bratislava	2018
Additional teacher certification	Academy of the Police Force in Bratislava	2008

V. Overview of activities within the teaching career at the university			
V.1 Overview of the profile courses taught in the current academic year according to study programmes			
V.1a Name of the profile course	V.1b Study programme	V.1c Degree	V.1d Field of study
Management	Security and Protection of Persons and Property	1	Security Sciences
Security management	Security and Protection of Persons and Property	2	Security Sciences
V.2 Overview of the responsibility for the delivery, development and quality assurance of the study programme or its part at the university in the current academic year			
V.2a Name of the study programme	V.2b Degree	V.2c Field of study	
V.3 Overview of the responsibility for the development and quality of the field of habilitation procedure and inaugural procedure in the current academic year			
V.3a Name of the field of habilitation procedure and inaugural procedure	V.3b Study field to which it is assigned		
V.4 Overview of supervised final theses			
	V.4a Bachelor's (first degree)	V.4b Diploma (second degree)	V.4c Dissertation (third degree)
V.4.1 Number of currently supervised theses	2	2	
V.4.2 Number of defended theses	25	27	
V.5 Overview of other courses taught in the current academic year according to study programmes at the Academy of the Police Force in Bratislava			
V.5a Name of the course	V.5b Study programme	V.5c Degree	V.5d Field of study
Information security	Security and Protection of Persons and Property	2	Security Sciences
Information security	Security Public-Administration Services	2	Security Sciences
Informatics	Security and Protection of Persons and Property	2	Security Sciences
Informatics 1	Security and Protection of Persons and Property	1	Security Sciences
Informatics 2	Security and Protection of Persons and Property	1	Security Sciences
Informatics 1	Security Public-Administration Services	1	Security Sciences
Informatics 2	Security Public-Administration Services	1	Security Sciences
V.6 Overview of other courses according to study programmes for the last six years at the Academy of the Police Force in Bratislava			
V.6a Name of the course	V.6b Study programme	V.6c Degree	V.6d Field of study
Information security	Security and Protection of Persons and Property	2	Security Sciences
Information security	Security Public-Administration Services	2	Security Sciences
Informatics	Security and Protection of Persons and Property	2	Security Sciences
Informatics 1	Security and Protection of Persons and Property	1	Security Sciences
Informatics 2	Security and Protection of Persons and Property	1	Security Sciences

Informatics 1	Security Public-Administration Services	1	Security Sciences		
Informatics 2	Security Public-Administration Services	1	Security Sciences		
Practical Informatics	Security and Protection of Persons and Property	1	Security Sciences		
Practical Informatics	Security Public-Administration Services	1	Security Sciences		
V.7 Overview of other courses taught in further specialised education¹					
V.7a Name of the course/training	V.7b Study programme	V.7c Degree	V.7d Institution	V.7e Field of study	V.7f Year
Design and implementation of teaching subjects	Program of Supplementary Pedagogical Studies for the Performance of Professional Subjects Teaching Activities at Secondary Vocational Schools of the Police Force of the Slovak Republic.		Academy of the Police Force in Bratislava & Centre for education and psychology		2023
Developing students' key competences in subjects	Program of Supplementary Pedagogical Studies for the Performance of Professional Subjects Teaching Activities at Secondary Vocational Schools of the Police Force of the Slovak Republic.		Academy of the Police Force in Bratislava & Centre for education and psychology		2023
Development of teaching materials and the application of ICT in the classroom	Program of Supplementary Pedagogical Studies for the Performance of Professional Subjects Teaching Activities at Secondary Vocational Schools of the Police Force of the Slovak Republic.		Academy of the Police Force in Bratislava & Centre for education and psychology		2023
Education of students with special needs	Program of Supplementary		Academy of the Police Force in Bratislava &		2022

¹ The courses listed in this category are listed in connection with the system of lifelong learning, which the scientific and pedagogical employees of the Academy of the Police Force in Bratislava implement with the entities of the Ministry of Interior of the Slovak Republic and other entities of the security administration.

within the Ministry of the Interior of the Slovak Republic	Pedagogical Studies for the Performance of Professional Subjects Teaching Activities at Secondary Vocational Schools of the Police Force of the Slovak Republic.		Centre for education and psychology		
Professional training in Access, processing and integration of database data			Academy of the Police Force in Bratislava and Financial Intelligence Unit of the Ministry of Interior of the Slovak Republic		2023
Professional training in Blockchain and Cryptocurrencies.			Academy of the Police Force in Bratislava and Financial Intelligence Unit of the Ministry of Interior of the Slovak Republic		2023
University of the Third Age - block "Self-realization of the senior personality"			Academy of the Police Force in Bratislava		2022 2023
Police Management Education Course			Academy of the Police Force in Bratislava		2021 – present
V.8 The most significant pedagogical activity at other universities (maximum of five)					
V.8a Name of the course/training	V.8b Study programme	V.8c Degree	V.8d Institution	V.8e Field of study	V.8f Year

VI. Profile of the quality of research/other outputs (overview of the research/other outputs and corresponding citations)		
VI.1 Overview of the research/other outputs and the corresponding citations		
	VI.1a Overall	VI.1b Over the last six years
VI.1.1 Number of the research/other outputs	59	23
A+	5	5
A	19	16
A-	1	1
B	2	
C	3	
VI.1.2 Number of the research/other outputs registered in the Web of Science or Scopus databases	-	-
VI.1.3 Number of citations corresponding to the research/other outputs	79	43
VI.1.4 Number of citations registered in the Web of Science or Scopus databases	-	-
VI.1.5 Number of invited lectures at the international/national level	-	-
VI.1.6 Number of projects granted for the funding of research	-	-
VI.2 The most significant research/other outputs (maximum of five)		
1.	V1 KOSTREC, Matej Metódy ochrany policajne relevantných informácií [print, elektronický dokument] / aut. Matej Kostrec, rec. Pavol Zajac, rec. Daniela Chudá. - 1. vyd. - Bratislava : Akadémia Policajného zboru v Bratislave, 2025. - 161 s. - ISBN 978-80-8293-040-8. - ISBN 978-80-	

	8293-041-5. Sign.: F 21493, SF 2013 [KOSTREC, Matej (100%)]
2.	V2 KOSTREC, Matej Možnosti implementácie umelej inteligencie v právnej praxi : 4. kapitola / aut. Matej Kostrec. In: Umělá inteligence a právo [print] / rec. Otto Dostál, rec. Martin Vlček. - Plzeň : Vydavatelství a nakladatelství Aleš Čeněk, 2024. - ISBN 978-80-7380-947-8. - S. 72-108. Sign.: F 21338 [KOSTREC, Matej (100%)]
3.	V2 KOSTREC, Matej - ŠTĚDRŮ, Bohumír Brain-computer interface and human rights / aut. Matej Kostrec, aut. Bohumír Štědroň. In: Management trends in the context of industry 4.0 [elektronický dokument] / zost. Dagmar Cagáňová, zost. Natália Horňáková, zost. Ján Papula, zost. Katarína Stachová, zost. Lucia Kohnová. - Newton : EAI Publishing, 2021. - ISBN 978-1-63190-332-8. - S. 1-13. [KOSTREC, Matej (70%) - ŠTĚDRŮ, Bohumír (30%)]
4.	V3 KOSTREC, Matej Komparácia prognóz vývoja vzdelávania daných nástrojmi umelej inteligencie / aut. Matej Kostrec, rec. Bohumír Štědroň, rec. Jiří Zmatlík. In: Policajná teória a prax [print, elektronický dokument] : časopis Akadémie Policajného zboru v Bratislave. - ISSN 1335-1370. - Roč. 33, č. 1 (2025), s. 28-44. [KOSTREC, Matej (100%)]
5.	V2 KOSTREC, Matej Umělá inteligencia, chatovacie HR roboty a ich implementácia do učebných osnov = Artificial intelligence, chat HR robots and their implementation in the curriculum / aut. Matej Kostrec. In: Lidský kapitál a investice do vzdělání [elektronický dokument] : umělá inteligence a strategické změny v oblasti vzdělání : sborník z 26. mezinárodní vědecké konference / zost. Radim Valenčík, zost. Nadežda Petrů. - Praha : Vysoká škola finanční a správní, 2024. - ISBN 978-80-7408-273-3. - S. 39-50. DOI: 10.37355/LK-2023-03 [KOSTREC, Matej (100%)]
VI.3 The most significant research/other outputs over the last six years (maximum of five)	
1.	V1 KOSTREC, Matej Metódy ochrany policajne relevantných informácií [print, elektronický dokument] / aut. Matej Kostrec, rec. Pavol Zajac, rec. Daniela Chudá. - 1. vyd. - Bratislava : Akadémia Policajného zboru v Bratislave, 2025. - 161 s. - ISBN 978-80-8293-040-8. - ISBN 978-80-8293-041-5. Sign.: F 21493, SF 2013 [KOSTREC, Matej (100%)]
2.	V2 KOSTREC, Matej Možnosti implementácie umelej inteligencie v právnej praxi : 4. kapitola / aut. Matej Kostrec. In: Umělá inteligence a právo [print] / rec. Otto Dostál, rec. Martin Vlček. - Plzeň : Vydavatelství a nakladatelství Aleš Čeněk, 2024. - ISBN 978-80-7380-947-8. - S. 72-108. Sign.: F 21338 [KOSTREC, Matej (100%)]
3.	V2 KOSTREC, Matej - ŠTĚDRŮ, Bohumír

	<p>Brain-computer interface and human rights / aut. Matej Kostrec, aut. Bohumír Štědroň. In: Management trends in the context of industry 4.0 [elektronický dokument] / zost. Dagmar Cagáňová, zost. Natália Horňáková, zost. Ján Papula, zost. Katarína Stachová, zost. Lucia Kohnová. - Newton : EAI Publishing, 2021. - ISBN 978-1-63190-332-8. - S. 1-13. [KOSTREC, Matej (70%) - ŠTĚDROŇ, Bohumír (30%)]</p>
4.	<p>V3 KOSTREC, Matej Komparácia prognóz vývoja vzdelávania daných nástrojmi umelej inteligencie / aut. Matej Kostrec, rec. Bohumír Štědroň, rec. Jiří Zmatlík. In: Policajná teória a prax [print, elektronický dokument] : časopis Akadémie Policajného zboru v Bratislave. - ISSN 1335-1370. - Roč. 33, č. 1 (2025), s. 28-44. [KOSTREC, Matej (100%)]</p>
5.	<p>V2 KOSTREC, Matej Umelá inteligencia, chatovacie HR roboty a ich implementácia do učebných osnov = Artificial intelligence, chat HR robots and their implementation in the curriculum / aut. Matej Kostrec. In: Lidský kapitál a investice do vzdělání [elektronický dokument] : umělá inteligence a strategické změny v oblasti vzdělání : sborník z 26. mezinárodní vědecké konference / zost. Radim Valenčík, zost. Nadežda Petrů. - Praha : Vysoká škola finanční a správní, 2024. - ISBN 978-80-7408-273-3. - S. 39-50. DOI: 10.37355/LK-2023-03 [KOSTREC, Matej (100%)]</p>
<p>VI.4 The most significant citations corresponding to the research/other outputs (maximum of five)</p>	
1.	<p>Forecast of the future development of artificial intelligence / aut. Matej Kostrec. In: Opportunities for growth [print, elektronický dokument] : the world 2100 / zost. [bez zostavovateľa], rec. Otto Pastor, rec. Zuzana Papulová. - Praha : Wolters Kluwer, 2023. - ISBN 978-80-7676-089-9. - ISBN 978-80-7676-090-5. - S. 85-93. [3*] 2022. PAVLOVÁ, I. Opportunities for growth : the world 2100. Štědroň, B. a kol. Praha: Wolters Kluwer, 2023, 116 s. ISBN 978-80-7676-089-9. In Česká kinantropologie, ISSN 1211-9361. 2022, roč. 26, č. 3-4, s- 93-94.</p>
2.	<p>Umelá inteligencia v centre budúcich techník obchádzania / aut. Matej Kostrec. In: Journal of diplomatics and social studies [print, elektronický dokument] : recenzovaný časopis. - ISSN 2570-9852. - ISSN 2570-9844. - Roč. 3, č. 2 (2020), s. 7-11. [2*] 2022. VALENČÍK, R., ŠTĚDROŇ, B. Umělá inteligence a lidské schopnosti (které lze a které nelze nahradit). In Rozmanitost' zručností postmoderne společnosti : vedecký recenzovaný zborník. Košice : Technická univerzita v Košiciach, 2022, s. 192. ISBN 978-80-553-4116-3.</p>
3.	<p>Oblasti největších bezpečnostních hrozeb reálného světa [print] / aut. Matej Kostrec, aut. Eva Kostrecová. In: Bezpečnostní výzvy současného světa [print] / rec. Jiří Dvořák, rec. Branislav Lacko. - Praha : Policejní akademie České republiky, 2020. - ISBN 978-80-7251-498-4. - S. 34-40. [2*] 2022. KIŠŠOVÁ, M., JURISOVÁ, M. Kriminológia - osobitná časť : 2. diel. Bratislava : Akadémia Policajného zboru v Bratislave, 2022, s. 11. ISBN 978-80-8054-933-6.</p>
4.	<p>Nebezpečné hrozby v digitálnom priestore / aut. Matej Kostrec. In: Aktuálne výzvy kybernetickej bezpečnosti [elektronický dokument] : special edition 2020 : zborník príspevkov /</p>

	<p>zost. Štefan Zachar, rec. Anna Hamranová, rec. Eva Kostrecová. - Bratislava : Akadémia Policajného zboru v Bratislave, 2020. - ISBN 978-80-8054-879-7. - S. 79-88.</p> <p>[2*] 2022. IVANČÍK, R. O kybernetickej dimenzii bojiska. In Trilobit, ISSN 1804-1795. Zlín, 2022, č. 1, s. 13. Dostupný na internete <http://trilobit.fai.utb.cz/o-kybernetickej-dimenzii-bojiska></p>
5.	<p>Ochrana osobných údajov - Výsledky výskumov vykonaných vo Francúzsku, na Slovensku a v Českej republike / aut. Matej Kostrec. In: Aktuálne výzvy kybernetickej bezpečnosti (v podmienkach bezpečnostných zložiek) [elektronický dokument] : zborník príspevkov z vedeckej konferencie s medzinárodnou účasťou / zost. Štefan Zachar, zost. Liliana Réveszová, rec. Anna Hamranová, rec. Eva Kostrecová. - Bratislava : Akadémia Policajného zboru v Bratislave, 2019. - ISBN 978-80-8054-819-3. - S. 78-96.</p> <p>[2*] 2023. IVANČÍK, R. Kybernetická (ne)bezpečnosť a sociálne siete. In Aktuálne výzvy kybernetickej bezpečnosti 2022 : zborník príspevkov. 1. vyd. Bratislava : Akadémia Policajného zboru v Bratislave, 2023, s. 45. ISBN 978-80-8054-998-5. Dostupný na internete <https://cybercompetence.sk/wp-content/uploads/dokumenty/kniznica/zborniky_a_prezentacie/AVKB_zbornik_2022.pdf></p>
<p>VI.4A The most significant citations corresponding to the research/other outputs over the last six years (maximum of five)</p>	
1.	<p>Forecast of the future development of artificial intelligence / aut. Matej Kostrec. In: Opportunities for growth [print, elektronický dokument] : the world 2100 / zost. [bez zostavovateľa], rec. Otto Pastor, rec. Zuzana Papulová. - Praha : Wolters Kluwer, 2023. - ISBN 978-80-7676-089-9. - ISBN 978-80-7676-090-5. - S. 85-93.</p> <p>[3*] 2022. PAVLOVÁ, I. Opportunities for growth : the world 2100. Štědroň, B. a kol. Praha: Wolters Kluwer, 2023, 116 s. ISBN 978-80-7676-089-9. In Česká kinantropologie, ISSN 1211-9361. 2022, roč. 26, č. 3-4, s- 93-94.</p>
2.	<p>Umelá inteligencia v centre budúcich techník obchádzania / aut. Matej Kostrec. In: Journal of diplomacy and social studies [print, elektronický dokument] : recenzovaný časopis. - ISSN 2570-9852. - ISSN 2570-9844. - Roč. 3, č. 2 (2020), s. 7-11.</p> <p>[2*] 2022. VALENČÍK, R., ŠTĚDROŇ, B. Umělá inteligencia a lidské schopnosti (které lze a které nelze nahradit). In Rozmanitost' zručností postmodernej spoločnosti : vedecký recenzovaný zborník. Košice : Technická univerzita v Košiciach, 2022, s. 192. ISBN 978-80-553-4116-3.</p>
3.	<p>Oblasti najväčších bezpečnostných hrozieb reálneho sveta [print] / aut. Matej Kostrec, aut. Eva Kostrecová. In: Bezpečnostní výzvy současného světa [print] / rec. Jiří Dvořák, rec. Branislav Lacko. - Praha : Policejní akademie České republiky, 2020. - ISBN 978-80-7251-498-4. - S. 34-40.</p> <p>[2*] 2022. KIŠŠOVÁ, M., JURISOVÁ, M. Kriminológia - osobitná časť : 2. diel. Bratislava : Akadémia Policajného zboru v Bratislave, 2022, s. 11. ISBN 978-80-8054-933-6.</p>
4.	<p>Nebezpečné hrozby v digitálnom priestore / aut. Matej Kostrec. In: Aktuálne výzvy kybernetickej bezpečnosti [elektronický dokument] : special edition 2020 : zborník príspevkov / zost. Štefan Zachar, rec. Anna Hamranová, rec. Eva Kostrecová. - Bratislava : Akadémia Policajného zboru v Bratislave, 2020. - ISBN 978-80-8054-879-7. - S. 79-88.</p> <p>[2*] 2022. IVANČÍK, R. O kybernetickej dimenzii bojiska. In Trilobit, ISSN 1804-1795. Zlín, 2022, č. 1, s. 13. Dostupný na internete <http://trilobit.fai.utb.cz/o-kybernetickej-dimenzii-bojiska></p>

	<p>Ochrana osobných údajov - Výsledky výskumov vykonaných vo Francúzsku, na Slovensku a v Českej republike / aut. Matej Kostrec. In: Aktuálne výzvy kybernetickej bezpečnosti (v podmienkach bezpečnostných zložiek) [elektronický dokument] : zborník príspevkov z vedeckej konferencie s medzinárodnou účasťou / zost. Štefan Zachar, zost. Liliána Réveszová, rec. Anna Hamranová, rec. Eva Kostrecová. - Bratislava : Akadémia Policajného zboru v Bratislave, 2019. - ISBN 978-80-8054-819-3. - S. 78-96.</p>
5.	<p>[2*] 2023. IVANČÍK, R. Kybernetická (ne)bezpečnosť a sociálne siete. In Aktuálne výzvy kybernetickej bezpečnosti 2022 : zborník príspevkov. 1. vyd. Bratislava : Akadémia Policajného zboru v Bratislave, 2023, s. 45. ISBN 978-80-8054-998-5. Dostupný na internete <https://cybercompetence.sk/wp-content/uploads/dokumenty/kniznica/zborniky_a_prezentacie/AVKB_zbornik_2022.pdf></p>
<p>VI.5 Participation in conducting (leading) the most important research projects over the last six years (maximum of five)</p>	
1.	
<p>VI.6 Participation in conducting (leading) the most important research projects (maximum of five)</p>	
1.	

<p>VII. Overview of organizational experience related to higher education and research/other activities</p>		
<p>VII.1 The most significant positions and memberships in scientific and professional institutions/associations and editorial boards (maximum of five)</p>		
VII.1a Activity, position	VII.1b Name of the institution/board	VII.1c Duration
Leader of MEPA courses	Academy of the Police Force in Bratislava	2022 - present
Cybersecurity Manager	Academy of the Police Force in Bratislava	2022 - present
Member	Workgroup for the preparation of Security and Protection of Persons and Property accreditation	2021 - present
Member	Academic senate	2018 - present
Member	Interdepartmental expert commission	2015 - present
<p>VII.2 The most significant positions and memberships in scientific and professional institutions/associations and editorial boards for the last six years (maximum of five)</p>		
VII.2a Activity, position	VII.2b Name of the institution/board	VII.2c Duration
Leader of MEPA courses	Academy of the Police Force in Bratislava	2022 - present
Cybersecurity Manager	Academy of the Police Force in Bratislava	2022 - present
Member	Workgroup for the preparation of Security and Protection of Persons and Property accreditation	2021 - present
Member	Workgroup for the preparation of Security Public-Administration Services accreditation	2021 - present
Member	Academic senate	2018 - present

<p>VIII. Overview of international mobilities and visits oriented on education and research/other activities in the respective field of study</p>			
VIII.a Name of the institution	VIII.b Address of the institution	VIII.c Duration (indicate the duration of stay)	VIII.d Mobility scheme, employment contract, other (describe)
Ecole national de police	Montbeliard (France)	14-19/11/2021	Exchange program

FachHochschule fur Polizei	Aschersleben (Germany)	11-15/11/2019	Exchange program
HWR	Berlin (Germany)	26-30/9/2017	Mobility Erasmus+
Polizeiakademie Niedersachsen	Hann.Munden (Germany)	5-9/9/2016	Mobility Erasmus+
HWR	Berlin (Germany)	22-21/6/2015	Mobility Erasmus+

IX. Other relevant facts

IX.1 Characteristics of activities related to respective field of study

He actively participates in the provision of teaching, the creation of study literature, the creation of subjects within the study field "Security Sciences". He regularly publishes, actively participates in domestic and foreign conferences and seminars, and is a member of conference organizing committees. He participates in Specialized Police Training and is a member of examination commissions. He is a member of the senate and chairman of the working commission for education.

IX.2 Other activities

He is a member of working groups for the preparation of accreditation. He is member of interdepartmental expert committee. He is leader of MEPA courses for Slovak republic.