

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc

LÝ LỊCH KHOA HỌC

(Dành cho ứng viên/thành viên các Hội đồng Giáo sư)



1. Thông tin chung

- Họ và tên: Đặng Trần Khánh
- Năm sinh: 1975
- Giới tính: Nam
- Trình độ đào tạo (TS, TSKH) (năm, nơi cấp bằng): TS (Khoa học máy tính), 2003, Johannes Kepler University, Linz, Austria
- Chức danh Giáo sư hoặc Phó giáo sư (năm, nơi bổ nhiệm): 2010 (đạt chuẩn), 2011 (bổ nhiệm), Bộ GD&ĐT

- Ngành, chuyên ngành khoa học: Khoa học máy tính
- Chức vụ và đơn vị công tác hiện tại (hoặc đã nghỉ hưu từ năm): Trưởng khoa CNTT, Trường Đại học Công nghiệp Thực phẩm Tp.HCM (01/2022-nay)
- Chức vụ cao nhất đã qua: Trưởng khoa CNTT, Trường ĐHKTCN Cần Thơ (2013-20016); Phó trưởng khoa Khoa KH&KTMT, Trường ĐHBK-ĐHQG Tp.HCM (2013-2018); Trưởng PTN Tính toán nâng cao, Trường ĐHBK-ĐHQG Tp.HCM (2014-2021)
- Thành viên Hội đồng Giáo sư cơ sở (nếu có) (năm tham gia, tên hội đồng, cơ sở đào tạo):
 - + 2011: Hội đồng chức danh giáo sư cơ sở, Trường ĐH CNTT-ĐHQG Tp.HCM
 - + 2011, 2012: Hội đồng chức danh giáo sư cơ sở, Trường ĐHBK-ĐHQG Tp.HCM
 - + 2021: Hội đồng chức danh giáo sư cơ sở, Trường ĐH Quốc Tế-ĐHQG Tp.HCM
- Thành viên Hội đồng Giáo sư ngành (nếu có) (năm tham gia, tên hội đồng, nhiệm kỳ):
- Thành viên Hội đồng Giáo sư nhà nước (nếu có) (năm tham gia, tên hội đồng, nhiệm kỳ):

2. Thành tích hoạt động đào tạo và nghiên cứu (thuộc chuyên ngành đang hoạt động)

2.1. Sách chuyên khảo, giáo trình, tham khảo

- a) Tổng số sách đã chủ biên: 01 chương sách chuyên khảo; 0 giáo trình, 13 sách tham khảo.

b) Danh mục sách chuyên khảo, giáo trình, tham khảo trong 05 năm liền kề với thời điểm được bổ nhiệm thành viên Hội đồng gần đây nhất (*tên tác giả, tên sách, nhà xuất bản, năm xuất bản, mã số ISBN, chỉ số trích dẫn*).

TT	Tên sách	Loại sách (CK, GT, TK, HD)	Nhà xuất bản và năm xuất bản	Số tác giả	Chủ biên	Phản biên soạn (từ trang ... đến trang)
1	Bảo vệ tính riêng tư cho các dịch vụ dựa trên vị trí	Sách tham khảo (ISBN 978-604-73-4009-5)	Đại học Quốc Gia Tp. Hồ Chí Minh, 2016	2	√	Viết chung
2	Future Data and Security Engineering (FDSE 2021), Part I	Sách tham khảo (ISBN 978-3-030-91387-8)	Springer Verlag 2021 (LNCS 13076)	4	√	Kỷ yếu hội nghị quốc tế
3	Future Data and Security Engineering-Big Data, Security and Privacy, Smart City and Industry 4.0 Applications (FDSE 2021), Part II	Sách tham khảo (ISBN 978-981-16-8062-5)	Springer Verlag, 2021 (CCIS 1500)	4	√	Kỷ yếu hội nghị quốc tế
4	Advanced Computing and Applications (ACOMP 2021)	Sách tham khảo (ISBN 978-1-6654-0639-0)	IEEE CPS	5		Kỷ yếu hội nghị quốc tế
5	Future Data and Security Engineering (FDSE 2020), Part I	Sách tham khảo (ISBN 978-3-030-63924-2)	Springer Verlag, 2020 (LNCS 12466)	4	√	Kỷ yếu hội nghị quốc tế
6	Future Data and Security Engineering (FDSE 2020), Part II	Sách tham khảo (ISBN 978-981-33-4370-2)	Springer Verlag, 2020 (CCIS 1306)	4	√	Kỷ yếu hội nghị quốc tế
7	Future Data and Security Engineering (FDSE 2019)	Sách tham khảo (ISBN 978-3-030-35652-1)	Springer Verlag, 2019 (LNCS 11814)	4	√	Kỷ yếu hội nghị quốc tế
8	Future Data and Security Engineering (FDSE 2018)	Sách tham khảo (ISBN 978-3-030-03191-6)	Springer Verlag, 2018 (LNCS 11251)	5	√	Kỷ yếu hội nghị quốc tế
9	Future Data and Security Engineering (FDSE 2017)	Sách tham khảo (ISBN 978-3-319-70003-8)	Springer Verlag, 2017 (LNCS 10646)	6	√	Kỷ yếu hội nghị quốc tế
10	Future Data and Security Engineering (FDSE 2016)	Sách tham khảo (ISBN 978-3-319-48056-5)	Springer Verlag, 2016 (LNCS 10018)	6	√	Kỷ yếu hội nghị quốc tế
11	Advanced Computing and Applications (ACOMP 2015)	Sách tham khảo (ISBN: 978-1-4673-8234-2)	IEEE CPS	5	√	Kỷ yếu hội nghị quốc tế

12	Future Data and Security Engineering (FDSE 2015)	Sách tham khảo (ISBN 978-3-319-26134-8)	Springer Verlag, 2015 (LNCS 9446)	6	√	Kỷ yếu hội nghị quốc tế
13	Future Data and Security Engineering (FDSE 2014)	Sách tham khảo (ISBN 978-3-319-12777-4)	Springer Verlag, 2014 (LNCS 8860)	6	√	Kỷ yếu hội nghị quốc tế

2.2. Các bài báo khoa học được công bố trên các tạp chí khoa học

a) Tổng số đã công bố: 210 bài báo/sách/giải pháp hữu ích trong nước và quốc tế.

b) Danh mục bài báo khoa học (đã lựa chọn) được công bố trong 05 năm liền kề với thời điểm được bổ nhiệm thành viên Hội đồng gần đây nhất (*tên tác giả, tên công trình, tên tạp chí, năm công bố, chỉ số IF và chỉ số trích dẫn - nếu có*):

- Trong nước:

- Quốc tế:

TT	Tên bài báo/báo cáo KH	Số tác giả	Là tác giả chính	Tên tạp chí hoặc kỷ yếu khoa học/ISSN hoặc ISBN	Loại Tạp chí quốc tế uy tín: ISI, Scopus (IF, Qi)	Tập, số, trang	Năm công bố
1	Machine Learning Based on Resampling Approaches and Deep Reinforcement Learning for Credit Card Fraud Detection Systems	4	√	Applied Sciences (ISSN 2076-3417) DOI: https://doi.org/10.3390/app112110004	ISI/SCIE, Scopus (IF=2.679, Q2)	11(21):online	2021
2	An Effective and Elastic Blockchain-based Provenance Preserving Solution for the Open Data	2	√	International Journal of Web Information Systems (ISSN 1744-0084) DOI: https://doi.org/10.1108/IJWIS-03-2021-0029	ISI/ESCI, Scopus (Q3)	17(5):480-515	2021
3	A Lightweight Authentication Protocol for D2D-enabled IoT Systems with Privacy	2	√	Pervasive and Mobile Computing, 101399 (ISSN 1574-1192) DOI: https://doi.org/10.1016/j.pmcj.2021.101399	ISI/SCIE, Scopus (IF=3.453, Q1)	74:online	2021
4	A Pragmatic Elliptic Curve Cryptography-based Extension for Energy-efficient Device-to-Device Communications in Smart Cities	3	√	Sustainable Cities and Society (ISSN 2210-6707) DOI: https://doi.org/10.1016/j.scs.2020.102097	ISI/SCIE, Scopus (IF=7.587, Q1)	56: online	2020

5	A Lightweight Indexing Approach for Efficient Batch Similarity Processing with MapReduce	2		Springer Nature Computer Science (ISSN 2661-8907) DOI: https://doi.org/10.1007/s42979-019-0007-y		1(1):1-16	2020
6	A Farthest First Traversal based Sampling Algorithm for k-clustering	3	√	Proceedings of the 14 th International Conference on Ubiquitous Information Management and Communication (IMCOM2020), IEEE, Taichung, Taiwan (e-ISBN 978-1-7281-5453-4, USB ISBN 978-1-7281-5452-7) DOI: https://doi.org/10.1109/IMCOM48794.2020.9001738	Scopus (Ký yểu)	1-6	2020
7	Privacy Preserving Biometric-based Remote Authentication with Secure Processing Unit on Untrusted Server	2	√	IET Biometrics (ISSN 2047-4938) DOI: https://doi.org/10.1049/iet-bmt.2018.5101	ISI/SCIE, Scopus (IF=2.246, Q2)	8(1):79-91	2019
8	Flow Aggregation for SDN-based Delay-insensitive Traffic Control in Mobile Core Networks	5		IET Communications (ISSN 1751-8628) DOI: https://doi.org/10.1049/iet-com.2018.5194	ISI/SCIE, Scopus (IF=1.779, Q2)	13(8):1051-1060	2019
9	On Verifying the Authenticity of E-Commercial Crawling Data by A Semi-Crosschecking Method	3	√	International Journal of Web Information Systems (ISSN 1744-0084) DOI: https://doi.org/10.1108/IJWIS-10-2018-0075	ISI/ESCI, Scopus (Q3)	15(4):454-473	2019
10	The Meeting of Acquaintances: A Cost-Efficient Authentication Scheme for Light-Weight Objects with Transient Trust Level and Plurality Approach	2	√	Security and Communication Networks (ISSN 1939-0122) DOI: https://doi.org/10.1155/2019/8123259	ISI/SCIE, Scopus (IF=1.376, Q2)	2019: 8123259:1-8123259:18	2019
11	A Parallel Incremental Frequent Itemsets Mining IFIN ⁺ : Improvement and Extensive Evaluation	3		LNCS Transactions on Large-Scale Data- and Knowledge-Centered Systems, LNCS 11390, Springer Verlag (ISBN 978-3-662-58807-9, ISSN 0302-9743)	Scopus (Q2)	41:78-106	2019

				DOI: https://doi.org/10.1007/978-3-662-58808-6_4			
12	Visualizing Access Logs of a Scientific Digital Library Effectively as Multiple Time Series Using Modified Horizon Graphs	4	√	Proceedings of the 13 th International Conference on Advanced Computing and Applications (ACOMP 2019), IEEE, Nha Trang City, Vietnam (ISBN 978-1-7281-4723-9) DOI: https://doi.org/10.1109/ACOMP.2019.00020	Scopus (Kỹ yếu)	85-91	2019
13	Differential Privacy in Deep Learning: An Overview	5	√	Proceedings of the 13 th International Conference on Advanced Computing and Applications (ACOMP 2019), IEEE, Nha Trang City, Vietnam (ISBN 978-1-7281-4723-9) DOI: https://doi.org/10.1109/ACOMP.2019.00022	Scopus (Kỹ yếu)	97-102	2019
14	A Comparative Study of the Use of Coresets for Clustering Large Datasets	3	√	Proceedings of the 6 th International Conference (FDSE 2019), LNCS 11814, Springer Verlag, Nha Trang City, Vietnam (ISBN 978-3-030-35652-1) DOI: https://doi.org/10.1007/978-3-030-35653-8_4	Scopus (Kỹ yếu)	45-55	2019
15	Evaluating Session-Based Recommendation Approaches on Datasets from Different Domains	3	√	Proceedings of the 6 th International Conference (FDSE 2019), LNCS 11814, Springer Verlag, Nha Trang City, Vietnam (ISBN 978-3-030-35652-1) DOI: https://doi.org/10.1007/978-3-030-35653-8_37	Scopus (Kỹ yếu)	577-592	2019
16	A New Biometric Template Protection Using Random Orthonormal Projection and Fuzzy Commitment	3		Proceedings of the 13 th International Conference on Ubiquitous Information Management and Communication (IMCOM	ISI/Web of Science (Kỹ yếu)	723-733	2019

				2019), Springer Verlag, Phuket, Thailand (ISBN 978-3-030-19062-0) DOI: https://doi.org/10.1007/978-3-030-19063-7_58			
17	Dynamic Data Management Strategy on Cloud Network by Fog Computing Model	7		Proceedings of the 6 th International Conference (FDSE 2019), LNCS 11814, Springer Verlag, Nha Trang City, Vietnam (ISBN 978-3-030-35652-1) DOI: https://doi.org/10.1007/978-3-030-35653-8_22	Scopus (Kỹ yếu)	332-342	2019
18	Resource-Constrained IoT Authentication Protocol: An ECC-Based Hybrid Scheme for Device-to-Server and Device-to-Device Communications	3	√	Proceedings of the 6 th International Conference (FDSE 2019), LNCS 11814, Springer Verlag, Nha Trang City, Vietnam (ISBN 978-3-030-35652-1) DOI: https://doi.org/10.1007/978-3-030-35653-8_30	Scopus (Kỹ yếu)	446-466	2019
19	A Hybrid Template Protection Approach using Secure Sketch and ANN for Strong Biometric Key Generation with Revocability Guarantee	3	√	The International Arab Journal of Information Technology (ISSN 1683-3198) URL: http://iajit.org/index.php?option=com_content&task=blogcategory&id=127&Itemid=453	ISI/SCIE, Scopus (IF=0.410, Q2)	15(2):331-340	2018
20	Interactive Visual Decision Tree for Developing Detection Rules of Attacks on Web Applications	3		International Journal of Advanced Computer Science and Applications (ISSN 2156-5570) DOI: https://dx.doi.org/10.14569/IJA CSA.2018.090705	ISI/ESCI, Scopus (Q4)	9(7):30-37	2018
21	A Context-Aware Privacy-Preserving Solution for Location-Based Services	4		Proceedings of the 12 th International Conference on Advanced Computing and Applications (ACOMP2018), IEEE, Ho Chi Minh City, Vietnam (ISBN 978-1-5386-9186-1)	Scopus (Kỹ yếu)	132-139	2018

				DOI: https://doi.org/10.1109/ACOMP.2018.00028			
22	A Light-Weight Tightening Authentication Scheme for the Objects' Encounters in the Meetings	3		Proceedings of the 5 th International Conference on Future Data and Security Engineering (FDSE2018), LNCS 11251, Springer Verlag, Ho Chi Minh City, Vietnam (ISBN 978-3-030-03191-6) DOI: https://doi.org/10.1007/978-3-030-03192-3_8	ISI/Web of Science (Kỹ yếu)	83-102	2018
23	An Efficient Batch Similarity Processing with MapReduce	2		Proceedings of the 5 th International Conference on Future Data and Security Engineering (FDSE2018), LNCS 11251, Springer Verlag, Ho Chi Minh City, Vietnam (ISBN 978-3-030-03191-6) DOI: https://doi.org/10.1007/978-3-030-03192-3_12	ISI/Web of Science (Kỹ yếu)	158-171	2018
24	Motorbike Detection in Urban Environment	3		Proceedings of the 5 th International Conference on Future Data and Security Engineering (FDSE2018), LNCS 11251, Springer Verlag, Ho Chi Minh City, Vietnam (ISBN 978-3-030-03191-6) DOI: https://doi.org/10.1007/978-3-030-03192-3_22	ISI/Web of Science (Kỹ yếu)	286-295	2018
25	An Effective Flow Aggregation for SDN-based Background and Foreground Traffic Control	5		Proceedings of the 15 th IEEE Annual Consumer Communications and Networking Conference (CCNC2018), Las Vegas, USA (ISBN 987-1-5386-4790-5) DOI: https://doi.org/10.1109/CCNC.2018.8319256	Scopus (Kỹ yếu)	1-4	2018

26	Towards A Fine-Grained Privacy-Enabled Attribute-Based Access Control Mechanism	2	LNCS Transactions on Large-Scale Data- and Knowledge-Centered Systems, LNCS 10720, Springer Verlag (ISBN 978-3-662-56265-9, ISSN 0302-9743) DOI: https://doi.org/10.1007/978-3-662-56266-6_3	ISI/Web of Science, Scopus (Q2)	36:52-72	12/2017
27	REW-SMT: A New Approach for Rewriting XACML Request with Dynamic Big Data Security Policies	3	Proceedings of the 10 th International Conference on Security, Privacy and Anonymity in Computation, Communication and Storage (SpaCCS2017), LNCS 10656, Springer Verlag, Guangzhou, China (ISBN 978-3-319-72388-4) DOI: https://doi.org/10.1007/978-3-319-72389-1_40	Scopus (Kỹ yếu)	501-515	12/2017
28	Using JSON to Specify Privacy Preserving-enabled Attribute-Based Access Control Policies	4	Proceedings of the 10 th International Conference on Security, Privacy and Anonymity in Computation, Communication and Storage (SpaCCS2017), LNCS 10656, Springer Verlag, Guangzhou, China (ISBN 978-3-319-72388-4) DOI: https://doi.org/10.1007/978-3-319-72389-1_44	Scopus (Kỹ yếu)	561-570	12/2017
29	An Iterative Algorithm for Computing Shortest Paths through Line Segments in 3D	3	Proceedings of the 4 th International Conference on Future Data and Security Engineering (FDSE2017), LNCS 10646, Springer Verlag, Ho Chi Minh City, Vietnam (ISBN 978-3-319-70003-8) DOI: https://doi.org/10.1007/978-3-319-70004-5_5	ISI/Web of Science, Scopus (Kỹ yếu)	73-84	11/2017

30	IFIN ⁺ : A Parallel Incremental Frequent Itemsets Mining in Shared-Memory Environment	4		<p>Proceedings of the 4th International Conference on Future Data and Security Engineering (FDSE2017), LNCS 10646, Springer Verlag, Ho Chi Minh City, Vietnam (ISBN 978-3-319-70003-8)</p> <p>DOI: https://doi.org/10.1007/978-3-319-70004-5_9</p>	ISI/Web of Science, Scopus (Kỹ yếu)	121-138	11/2017
31	Secure Biometric-based Remote Authentication Protocol using Chebyshev Polynomials and Fuzzy Extractor	4		<p>Proceedings of AUN/SEED-Net Regional Conference on Computer and Information Engineering (RCCIE2017), VNU-HCM Press, Ho Chi Minh City, Vietnam (ISBN 978-604-73-5687-4)</p>		31-36	11/2017
32	A NoSQL Data-Based Personalized Recommendation System for C2C e-Commerce	3	√	<p>Proceedings of the 28th International Conference on Database and Expert Systems Applications (DEXA2017), LNCS 10439, Springer Verlag, Lyon, France (ISBN 978-3-319-64470-7)</p> <p>DOI: https://doi.org/10.1007/978-3-319-64471-4_25</p>	ISI/Web of Science, Scopus (Kỹ yếu)	Part II: 313-324	08/2017
33	Incremental Frequent Itemsets Mining with IPPC Tree	3		<p>Proceedings of the 28th International Conference on Database and Expert Systems Applications (DEXA2017), LNCS 10438, Springer Verlag, Lyon, France (ISBN 978-3-319-64467-7)</p> <p>DOI: https://doi.org/10.1007/978-3-319-64468-4_35</p>	ISI/Web of Science, Scopus (Kỹ yếu)	Part I: 463-477	08/2017
34	Protecting Biometrics using Fuzzy Extractor and Non-invertible Transformation Methods in Kerberos Authentication Protocol	2		<p>LNCS Transactions on Large-Scale Data- and Knowledge-Centered Systems, LNCS 10140, Springer Verlag (ISBN 978-3-662-54172-2, ISSN 0302-9743)</p>	ISI/Web of Science, Scopus (Q2)	31:47-66	2017

				DOI: https://doi.org/10.1007/978-3-662-54173-9_3			
35	Chaff Point Generation Mechanism for Improving Fuzzy Vault Security	3	√	IET Biometrics (ISSN 2047-4938) DOI: https://doi.org/10.1049/iet-bmt.2015.0023	ISI/SCIE, Scopus (IF=2.246, Q2)	5(2):147-153	2016
36	Cancellable Fuzzy Vault with Periodic Transformation for Biometric Template Protection	4	√	IET Biometrics (ISSN 2047-4938) DOI: https://doi.org/10.1049/iet-bmt.2015.0029	ISI/SCIE, Scopus (IF=2.246, Q2)	5(3):229-235	2016
37	An Adaptive Similarity Search in Massive Datasets	3		LNCS Transactions on Large-Scale Data- and Knowledge-Centered Systems, LNCS 9480, Springer Verlag (ISBN 978-3-662-49174-4, ISSN 0302-9743) DOI: https://doi.org/10.1007/978-3-662-49175-1_3	Scopus (Q2)	23:45-74	2016
38	Automatic Fall Detection using Smartphone Acceleration Sensor	3		International Journal of Advanced Computer Science and Applications (ISSN 2156-5570) DOI: https://dx.doi.org/10.14569/IJACSA.2016.071216	ISI/ESCI	7(12):123-129	2016
39	Delay-Insensitive Traffic Detection and Transfer on Network Edges	5		Proceedings of the 18 th Asia-Pacific Network Operations and Management Symposium (APNOMS2016), IEEE, Kanazawa, Japan (ISBN 978-4-88552-304-5) DOI: https://doi.org/10.1109/APNOMS.2016.7737228	Scopus (Kỷ yếu)	1-6	2016
40	A Cross-checking based Method for Fraudulent Detection on E-commercial Crawling Data	5	√	Proceedings of the International Conference on Advanced Computing and Applications (ACOMP2016), IEEE, Can Tho City, Vietnam (ISBN 987-1-5090-6143-3)	Scopus (Kỷ yếu)	32-39	2016

				DOI: https://doi.org/10.1109/ACOMP.2016.015			
41	Rew-XAC: An Approach to Request Rewriting for Elastic ABAC Enforcement with Dynamic Policies	4		Proceedings of the International Conference on Advanced Computing and Applications (ACOMP2016), IEEE, Can Tho City, Vietnam (ISBN 987-1-5090-6143-3) DOI: https://doi.org/10.1109/ACOMP.2016.014	Scopus (Kỹ yếu)	25-31	2016
42	eHSim: An Efficient Hybrid Similarity Search with MapReduce	3		Proceedings of the 30 th International Conference on Advanced Information Networking and Applications (AINA2016), IEEE, Crans-Montana, Switzerland (ISBN 978-1-5090-1857-4, ISSN 1550-445X) DOI: https://doi.org/10.1109/AINA.2016.37	Scopus (Kỹ yếu)	422-429	2016
43	Dual-Phase Early Detection of Background and Foreground Traffic	5		Proceedings of the 6 th International Conference on Communications and Electronics (ICCE2016), IEEE, Ha Long, Vietnam (ISBN 978-1-5090-1931-1)		526-531	2016
44	Face Quality Measure for Face Authentication	3		Proceedings of the 3 rd International Conference on Future Data and Security Engineering (FDSE 2016), LNCS 10018, Springer Verlag, Can Tho City, Vietnam (ISBN 978-3-319-48056-5) DOI: https://doi.org/10.1007/978-3-319-48057-2_13	Scopus (Kỹ yếu)	189-198	2016
45	Fine Grained Attribute Based Access Control Model for Privacy Protection	3		Proceedings of the 3 rd International Conference on Future Data and Security Engineering (FDSE 2016), LNCS	Scopus (Kỹ yếu)	305-316	2016

			10018, Springer Verlag, Can Tho City, Vietnam (ISBN 978-3-319-48056-5) DOI: https://doi.org/10.1007/978-3-319-48057-2_21			
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2.3. Các nhiệm vụ khoa học và công nghệ (chương trình và đề tài tương đương cấp Bộ trở lên)

a) Tổng số chương trình, đề tài đã chủ trì/chủ nhiệm: 0 cấp Nhà nước; 06 cấp Bộ và tương đương.

b) Danh mục đề tài cấp bộ tham gia đã được nghiệm thu/đang thực hiện trong những năm liền kề với thời điểm được bổ nhiệm thành viên Hội đồng gần đây nhất (tên đề tài, mã số, thời gian thực hiện, cấp quản lý đề tài, trách nhiệm tham gia trong đề tài):

TT	Tên nhiệm vụ khoa học và công nghệ (CT, ĐT...)	CN/PCN/TK	Mã số và cấp quản lý	Thời gian thực hiện	Thời gian nghiệm thu (ngày, tháng, năm)/Xếp loại KQ
1	Nghiên cứu và xây dựng hệ thống thông tin quản lý cho các trường đại học	Chủ nhiệm	B2006-20-07TĐ, Bộ/ĐHQG	11/2006 đến 11/2008	14/07/2008 (Tốt)
2	Bảo vệ tính riêng tư trong các ứng dụng với thiết bị di động khả định vị	Chủ nhiệm	B2010-20-02TĐ, Bộ/ĐHQG	04/2010 đến 04/2012	16/05/2012 (Xuất sắc)
3	Phát triển mô hình điều khiển truy xuất cho dữ liệu GIS	Chủ nhiệm	121/HĐ- SKHCN, Bộ/Thành phố	08/2011 đến 09/2014	30/09/2014 (Khá)
4	Đồng xác thực và bảo vệ dữ liệu trên thiết bị di động sử dụng sinh trắc học	Chủ nhiệm	B2013-20-02, Bộ/ĐHQG	06/2013 đến 12/2015	15/12/2015 (Tốt)
5	Xác thực có bảo vệ tính riêng tư cho các thiết bị với tài nguyên giới hạn trong mạng vạn vật	Chủ nhiệm	B2018-20-08, Bộ/ĐHQG	06/2018 đến 12/2020	03/11/2020 (Tốt)
6	Xây dựng framework chuyển đổi dữ liệu cho hệ thống tích hợp dữ liệu	Chủ nhiệm (đến 11/2021)	42/2019/HĐ- QPTKHCN, Bộ/Thành phố	07/2019 đến 01/2022	2021 (Tốt)

		Tham gia (từ 11/2021)			
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2.4. Công trình khoa học khác (nếu có)

a) Tổng số công trình khoa học khác:

- Tổng số có: 03 sáng chế, giải pháp hữu ích
- Tổng số có: tác phẩm nghệ thuật
- Tổng số có: thành tích huấn luyện, thi đấu

b) Danh mục bằng độc quyền sáng chế, giải pháp hữu ích, tác phẩm nghệ thuật, thành tích huấn luyện, thi đấu trong 5 năm trở lại đây (*tên tác giả, tên công trình, số hiệu văn bằng, tên cơ quan cấp*):

- 1 **Dang Tran Khanh**, Nguyen Thanh Tung, Truong Quang Hai: "On Verifying the Authenticity of E-Commercial Crawling Data by A Semi-Crosschecking Method" (Phương pháp kiểm tra dữ liệu do nhiều máy chủ thu thập được có bị thay đổi dựa vào điều phối và so trùng dữ liệu khi tiến hành thu thập trên các trang Web thương mại điện tử), Application No. 2-2016-00318, NOIP, Utility model No. 2536, Vietnam, November 2020
- 2 **Dang Tran Khanh**, Nguyen Thanh Tung, Truong Quang Hai, Le Thi Bao Thu: "*An Effecitive and Efficient Data Crawling Solution from E-commerce Websites*" (Phương pháp thu thập dữ liệu tự động từ các trang Web thương mại điện tử), Application No. 2-2016-00317, NOIP, Utility model No. 2367, Vietnam, June 2020
- 3 **Dang Tran Khanh**, Truong Quang Hai, Huynh Van Quoc Phuong: "*A Smartphone-based Solution to Protect ATM Users with Face and Voice Biometric Features*" (Quy trình xác thực người dùng tài khoản ATM bằng nhận dạng sinh trắc thông qua thiết bị di động), Application No. 2-2014-00142, NOIP, Utility model No. 1585, Vietnam, October 2017

2.5. Hướng dẫn nghiên cứu sinh (NCS) đã có quyết định cấp bằng tiến sĩ

a) Tổng số: 07 NCS đã hướng dẫn chính

b) Danh sách NCS hướng dẫn thành công trong 05 năm liền kề với thời điểm được bổ nhiệm thành viên Hội đồng gần đây nhất (*Họ và tên NCS, đề tài luận án, cơ sở đào tạo, năm bảo vệ thành công, vai trò hướng dẫn*):

- Đặng Trần Trí, Trục quan hoá trong bảo mật ứng dụng web, Trường ĐHBK-ĐHQG Tp.HCM, 2019 (Hướng dẫn chính)
- Nguyễn Thị Ái Thảo, Bảo mật trong xác thực từ xa sử dụng đặc trưng sinh trắc, Trường ĐHBK-ĐHQG Tp.HCM, 2022 (Hướng dẫn chính)

3. Các thông tin khác

3.1. Danh mục các công trình khoa học chính trong cả quá trình (Bài báo khoa học, sách chuyên khảo, giáo trình, sáng chế, giải pháp hữu ích, tác phẩm nghệ thuật thành tích huấn luyện, thi đấu...; khi liệt kê công trình, có thể thêm chú dẫn về phân loại tạp chí, thông tin trích dẫn...):

Patents

- 1 **Dang Tran Khanh**, Nguyen Thanh Tung, Truong Quang Hai: "On Verifying the Authenticity of E-Commercial Crawling Data by A Semi-Crosschecking Method" (Phương pháp kiểm tra dữ liệu do nhiều máy chủ thu thập được có bị thay đổi dựa vào điều phối và so trùng dữ liệu khi tiến hành thu thập trên các trang Web thương mại điện tử), Application No. 2-2016-00318, NOIP, Utility model No. 2536, Vietnam, November 2020
- 2 **Dang Tran Khanh**, Nguyen Thanh Tung, Truong Quang Hai, Le Thi Bao Thu: "An Effecitive and Efficient Data Crawling Solution from E-commerce Websites" (Phương pháp thu thập dữ liệu tự động từ các trang Web thương mại điện tử), Application No. 2-2016-00317, NOIP, Utility model No. 2367, Vietnam, June 2020
- 3 **Dang Tran Khanh**, Truong Quang Hai, Huynh Van Quoc Phuong: "A Smartphone-based Solution to Protect ATM Users with Face and Voice Biometric Features" (Quy trình xác thực người dùng tài khoản ATM bằng nhận dạng sinh trắc thông qua thiết bị di động), Application No. 2-2014-00142, NOIP, Utility model No. 1585, Vietnam, October 2017

Books / Book Chapters / Theses

- 4 **Tran Khanh Dang**, Josef Küng, Tai M. Chung, Makoto Takizawa (Eds.): *Future Data and Security Engineering* (Part I) – 8th International Conference, [FDSE 2021](#), Virtual (Ho Chi Minh City, Vietnam), November 24-26, 2021, Proceedings. LNCS 13076, Springer Verlag ([SCOPUS](#))
- 5 **Tran Khanh Dang**, Josef Küng, Tai M. Chung, Makoto Takizawa (Eds.): *Future Data and Security Engineering-Big Data, Security and Privacy, Smart City and Industry 4.0 Applications* (Part II) – 8th International Conference, [FDSE 2021](#), Virtual (Ho Chi Minh City, Vietnam), November 24-26, 2021, Proceedings. CCIS 1500, Springer Verlag ([SCOPUS](#))
- 6 Lam-Son Lê, Henry Nguyen, Thanh An Phan, Manuel Clavel, Tran Khanh Dang (Eds.): *Advanced Computing and Applications - International Conference*, [ACOMP 2021](#), Virtual, November 24-26, 2021, Proceedings. IEEE CPS, ISBN 978-1-6654-0639-0 ([SCOPUS](#))
- 7 **Tran Khanh Dang**, Josef Küng, Makoto Takizawa, Tai M. Chung (Eds.): *Future Data and Security Engineering* (Part I) – 7th International Conference, [FDSE 2020](#), Virtual (QNU, Binh Dinh, Vietnam), November 25-27, 2020, Proceedings. LNCS 12466, ISBN 978-3-030-63923-5, Springer Verlag ([SCOPUS](#))
- 8 **Tran Khanh Dang**, Josef Küng, Makoto Takizawa, Tai M. Chung (Eds.): *Future Data and Security Engineering* (Part II) – 7th International Conference, [FDSE 2020](#), Virtual (QNU, Binh Dinh, Vietnam), November 25-27, 2020, Proceedings. CCIS 1306, ISBN 978-981-33-4369-6, Springer Verlag ([SCOPUS](#))
- 9 Lam-Son Lê, Maurizio Marchese, Bob Dao, Michel Toulouse, Tran Khanh Dang (Eds.): *Advanced Computing and Applications - International Conference*, [ACOMP 2020](#), Virtual

- (Quy Nhon City, Vietnam), November 27-29, 2019, Proceedings. IEEE CPS, ISBN 978-1-7281-4723-9 ([SCOPUS](#))
- 10 **Tran Khanh Dang**, Josef Küng, Makoto Takizawa, Bui Son Ha (Eds.): *Future Data and Security Engineering – 6th International Conference*, [FDSE 2019](#), TCU, Nha Trang City, Vietnam, November 27-29, 2019, Proceedings. LNCS 11814, Springer Verlag ([SCOPUS](#), [Web of Science CPCI](#))
 - 11 Lam-Son Lê, **Tran Khanh Dang**, Minh Quang Tran, Dirk Draheim, Michel Toulouse (Eds.): *Advanced Computing and Applications - International Conference*, [ACOMP 2019](#), TCU, Nha Trang City, Vietnam, November 27-29, 2019, Proceedings. IEEE CPS, ISBN 978-1-7281-4723-9 ([SCOPUS](#))
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 - 13 **Tran Khanh Dang**, Josef Küng, Roland Wagner, Nam Thoai, Makoto Takizawa (Eds.): *Future Data and Security Engineering – 5th International Conference*, [FDSE 2018](#), HCMUT, Ho Chi Minh City, Vietnam, November 28-30, 2018, Proceedings. LNCS 11251, Springer Verlag 2018, ISBN 978-3-030-03191-6 ([Web of Science CPCI](#))
 - 14 Lam-Son Lê, **Tran Khanh Dang**, Koichiro Ishibashi, Ngoc Thinh Tran, Cuong Pham-Quoc, Quang Tran Minh (Eds.): *Advanced Computing and Applications - 2018 International Conference*, [ACOMP 2018](#), Ho Chi Minh City, Vietnam, November 28-30, 2018, Proceedings. IEEE CPS, ISBN-13 978-1-5386-9186-1, 2018 ([SCOPUS](#))
 - 15 **Tran Khanh Dang**, Roland Wagner, Josef Küng, Nam Thoai, Makoto Takizawa, Erich Neuhold (Eds.): *Future Data and Security Engineering – 4th International Conference*, [FDSE 2017](#), HCMUT, Ho Chi Minh City, Vietnam, November 29-December 01, 2017, Proceedings. LNCS 10646, Springer Verlag 2017, ISBN 978-3-319-70003-8 ([SCOPUS](#), [Web of Science CPCI](#))
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 - 26 Abdelkader Hameurlain, Josef Küng, Roland Wagner, **Tran Khanh Dang**, Nam Thoai (Eds.): *Transactions on Large-Scale Data- and Knowledge-Centered Systems XVI - Selected Papers from ACOMP 2013*. LNCS 8960, Springer Verlag 2014, ISBN 978-3-662-45946-1 ([SCOPUS Q2](#))
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 - 29 **Tran Khanh Dang**: Editorial. [J. Mobile Multimedia 10](#) (1&2): 1-2, Rinton Press (Princeton, New Jersey), ISSN: 1550-4646, 2014 ([SCOPUS Q2](#))
 - 30 Tuan Anh Truong, Quynh Chi Truong, **Tran Khanh Dang**: *An Adaptive Grid-Based Approach to Location Privacy Preservation*. A book chapter in "Advances in Intelligent

Information and Database Systems", Springer Verlag, ISBN 978-30642-12089-3, ISSN 1860-949X, 2010, pp. 133-144 ([SCOPUS](#))

- 31 Tran Khanh Dang: Security Issues in Outsourced XML Databases. Chapter 11 in the book titled "Open and Novel Issues in XML Database Applications: Future Directions and Advanced Technologies", [IGI Global](#), ISBN: 978-1-60566-308-1, April 2009, pp. 231-261 ([SCOPUS](#))
- 32 Tran Khanh Dang: Semantic Based Similarity Searches in Database Systems (Multidimensional Access Methods, Similarity Search Algorithms). PhD thesis, FAW-Institute, Johannes Kepler University of Linz, Austria, May 2003 (338 pages, advisors: Univ. Prof. Dr. Wagner Roland and A.Univ.-Prof. Dr. Josef Kueng)
- 33 Tran Khanh Dang (with Hong Linh Truong): Building a Distributed and Parallel Programming Tool. University graduation thesis, the Faculty of Information Technology, HCMUT, National University of Ho Chi Minh City, Vietnam, December 1997 (in Vietnamese, advisor: Dr. Nguyen Thanh Son)

International Journals

- 34 Tran Khanh Dang, Thanh Cong Tran, Luc Minh Tuan, Mai Viet Tiep: Machine Learning Based on Resampling Approaches and Deep Reinforcement Learning for Credit Card Fraud Detection Systems. Applied Sciences, ISSN 2076-3417, 2021 ([SCIE](#), [SCOPUS Q2](#))
- 35 Tran Khanh Dang, Thu Duong Anh: An Effective and Elastic Blockchain-based Provenance Preserving Solution for the Open Data. International Journal of Web Information Systems ([IJWIS](#)), Emerald Publisher, ISSN 1744-0084, Vol. 17, No. 5, 2021 ([ESCI](#), [SCOPUS Q3](#))
- 36 Chau D.M. Pham, Tran Khanh Dang: A lightweight authentication protocol for D2D-enabled IoT systems with privacy. Pervasive and Mobile Computing, 101399, Vol. 74, July 2021 ([SCIE](#), [SCOPUS Q1](#))
- 37 Tran Khanh Dang: Towards an XACML-based Access Control Model for Dynamic Security Policy Systems. International Research Journal of Computer Science and Computer Engineering with Applications ([POLIBITS](#)), published by the National Polytechnic Institute ([IPN](#)), Mexico, ISSN 1870-9044, Vol. 62, Jul-Dec 2020
- 38 Trung Ha, Tran Khanh Dang, Hieu Le, Tuan Anh Truong: Security and Privacy Issues in Deep Learning: A Brief Review. [SN Comput. Sci. 1\(5\)](#), Online ISSN: 2661-8907, 2020
- 39 Tran Tri Dang, **Tran Khanh Dang**, Josef Küng: *Interaction and Visualization Design for User Privacy Interface on Online Social Networks*. [SN Comput. Sci. 1\(5\)](#), Online ISSN: 2661-8907, 2020
- 40 Tran Khanh Dang, Chau D.M. Pham, Thao L.P. Nguyen: A pragmatic elliptic curve cryptography-based extension for energy-efficient device-to-device communications in smart cities. Sustainable Cities and Society, Volume 56, 2020, ISSN 2210-6707 ([SCIE](#), [SCOPUS Q1](#))
- 41 Tran Khanh Dang, Quang Phu Nguyen, Van Sinh Nguyen: A Study of Deep Learning-Based Approaches for Session-Based Recommendation Systems. [SN Comput. Sci. 1\(4\)](#), Online ISSN: 2661-8907, 2020

- 42 Nguyen Le Hoang, Le Hong Trang, Tran Khanh Dang: A Comparative Study of the Some Methods Used in Constructing Coresets for Clustering Large Datasets. *SN Comput. Sci.* 1(4), Online ISSN: 2661-8907, 2020
- 43 Trong Nhan Phan, **Tran Khanh Dang**: *A Lightweight Indexing Approach for Efficient Batch Similarity Processing with MapReduce*. [SN Computer Science 1\(1\)](#): 1-16, Springer Nature, Online ISSN: 2661-8907, 2020
- 44 Tran Khanh Dang, Minh-Chau Pham Duc, Duc Dan Ho: On Verifying the Authenticity of E-Commercial Crawling Data by A Semi-Crosschecking Method. *International Journal of Web Information Systems (IJWIS)*, Emerald Publisher, 15(4):454-473, ISSN 1744-0084, 10/2019 ([ESCI](#), [SCOPUS Q3](#))
- 45 Quang Tran Minh, Van An Le, Tran Khanh Dang, Nam Thoai, Takeshi Kitahara: Flow Aggregation for SDN-Based Delay-Insensitive Traffic Control in Mobile Core Networks. *IET Communications*, The Institution of Engineering and Technology, United Kingdom, 13(8):1051-1060, Online ISSN 1751-8636, Print ISSN 1751-8628, 2019 ([SCIE](#), [SCOPUS Q2](#))
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- 47 Ai Thao Nguyen Thi, Tran Khanh Dang: Privacy Preserving Biometric-based Remote Authentication with Secure Processing Unit on Untrusted Server. *IET Biometrics*, The Institution of Engineering and Technology, United Kingdom, 8(1):79-91, ISSN 2047-4938, 2019 ([SCIE](#), [SCOPUS Q2](#))
- 48 Van Quoc Phuong Huynh, Josef Küng, and Tran Khanh Dang: A Parallel Incremental Frequent Itemsets Mining IFIN+: Improvement and Extensive Evaluation. *Transactions on Large-Scale Data- and Knowledge-Centered Systems XLI - Selected Papers from FDSE 2017*. LNCS 11390, ISBN 978-3-662-58807-9, Springer Verlag 2019, pp. 78-106 ([SCOPUS Q2](#))
- 49 Tran Khanh DANG, HUYNH Van Quoc Phuong, TRUONG Quang Hai: A Hybrid Template Protection Approach using Secure Sketch and ANN for Strong Biometric Key Generation with Revocability Guarantee. *The International Arab Journal of Information Technology (IAJIT)*, 15(2):331-340, ISSN 1683-3198, March 2018 ([SCIE](#), [SCOPUS Q2](#))
- 50 Tran Tri Dang, Tran Khanh Dang, Truong-Giang Nguyen Le: Interactive Visual Decision Tree for Developing Detection Rules of Attacks on Web Applications. *International Journal of Advanced Computer Science and Applications (IJACSA)*, ISSN 2156-5570 (Online), ISSN 2158-107X (Print), Vol. 9(7), 2018, pp. 30-37 ([ESCI](#), [SCOPUS Q4](#))
- 51 Que Nguyet Tran Thi, Tran Khanh DANG: Towards A Fine-grained Privacy-enabled Attribute-Based Access Control Mechanism. *Transactions on Large-Scale Data- and Knowledge-Centered Systems 36 (TLDKS)*, LNCS 10720, ISBN 978-3-662-56265-9, Springer Verlag, 2017, pp. 52-72 ([SCOPUS Q2](#))
- 52 Thi Ai Thao NGUYEN, **Tran Khanh DANG**: *Protecting Biometrics using Fuzzy Extractor and Non-Invertible Transformation Methods in Kerberos Authentication Protocol*. *Transactions on Large-Scale Data- and Knowledge-Centered Systems 31*

- ([TLDKS](#)), LNCS 10140, ISBN 978-3-662-54172-2, Springer Verlag, 2017, pp. 47-66 ([SCOPUS Q2](#))
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- 60 **DANG Tran Khanh**, LE Thi Kim Tuyen, NGUYEN Tuan Anh, VAN Duc Son Ha: *Towards a Flexible Framework to Support a Generalized Extension of XACML for Spatio-Temporal RBAC Model with Reasoning Ability*. International Journal of Web Information Systems ([IJWIS](#)), Emerald Publisher, ISSN 1744-0084, Vol 10, No. 2, May 2014, pp. 131-150 ([ESCI](#), [SCOPUS Q3](#))
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- 176 TRUONG Tuan Anh, DANG Tran Khanh, Küng Josef: *On Guaranteeing k-Anonymity in Location Databases*. In Proceedings of the 22nd International Conference on Database and Expert Systems Applications ([DEXA2011](#)), ISBN 978-3-642-23087-5, August 29-September 2, 2011, Toulouse, France, Springer Verlag Berlin Heidelberg, Part I/LNCS 6860, pp. 280-287 ([SCOPUS](#))
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Regional/National Conferences/Workshops

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- 209 DANG Tran Khanh: *Emerging Security Issues in Modern Data Management Systems and Applications*. In Proceedings of the 9th Conference on Science and Technology ([CST2005](#)), October 11-12, 2005, Ho Chi Minh City, Vietnam
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3.2. Giải thưởng về nghiên cứu khoa học trong và ngoài nước (nếu có):

- International Journal of Web Information Systems (Scopus & ESCI/ISI) - Literati Award Winners 2020
- Bằng khen của GD ĐHQG-HCM về thành tích hoạt động khoa học công nghệ xuất sắc năm học 2011-2012

3.3. Các thông tin về chỉ số định danh ORCID, hồ sơ Google scholar, H-index, số lượt trích dẫn (nếu có):

- Google scholar: <https://scholar.google.com/citations?user=VsxZa7sAAAAJ&hl=en> (H-index = 19, i10-index = 40, citation = 1129)
- DBLP: <https://dblp.org/pid/d/TranKhanhDang.html>
- ORCID: <https://orcid.org/0000-0002-7282-3589>

3.4. Ngoại ngữ

- Ngoại ngữ thành thạo phục vụ công tác chuyên môn: Tiếng Anh
- Mức độ giao tiếp bằng tiếng Anh: Tốt

Tôi xin cam đoan những điều khai trên là đúng sự thật, nếu sai tôi xin hoàn toàn chịu trách nhiệm trước pháp luật.

Tp. Hồ Chí Minh, ngày 26 tháng 05 năm 2022

NGƯỜI KHAI

(Ký và ghi rõ họ tên)



PGS.TS. Đặng Trần Khánh