Assoc. Prof. of Practice Eitan (Ethan) Hadar

CURRICULUM VITAE

Personal Details

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Higher Education

A. Undergraduate and Graduate Studies

Period of Study	Name of institution and Department	Degree	Year of Approval of Degree
1997-2001	Technion – Israel institute of Technology. Faculty of industrial Engineering and Management. Field of Operations Research and System analysis.	Ph.D.	January 2002
1994-1997	Technion – Israel institute of Technology. Faculty of Mechanical Engineering. Field of Mechatronics.	M.Sc.	1997
1989-1994	Technion – Israel institute of Technology. Faculty of Mechanical Engineering. Field of Mechatronics.	B.Sc.	1994

Academic Ranks

Dates	Name of institution and Department	Rank/Position
March 2025 - Present	Tel- Hai University of Kiryat Shmona & the Galilee (THU) Cluster/Faculty of Engineering and Advanced Computing	Associate Professor-of-Practice / Founding Dean
2015-2019 July 22nd until Aug 2025	Zefat Academic College. Department of Communities informatics.	Associate Professor-of-Practice

Patents and Patents Application (alphabetic order):

Patents (Granted)

1. 2025, September 02, USPTO, US12405840B2 , Estimating and improving residual carbon debt in cloud-based applications, Priority to US17/699,766, 2022, Sep 29th , US12405840B2.
2. 2025, July 08, USPTO 12,355,798. Document ID US 12355798 B2, Automated prioritization of cyber risk mitigation by simulating exploits. Priority USPTO US20230076372A1, US 12355798 B2 and 17/822,205 25 Aug 2022.
3. 2025, June 18th, EP4258601A1. Ontology-based Risk Propagation over Digital Twins. Priority claimed from US18/194,791.

4. 2025, April 29, USPTO US12289336B2, 12,289,336. Ontology-based Risk Propagation Over Digital Twins. Priority to 2023 3rd April, prior app US20230328096A1, US18/194,791.
5. 2025, Feb 25, USPTO, US12235995B2. System Architecture for Designing and Monitoring Privacy-Aware Services. Priority to US17/459,464, Aug 27th, 2021.
6. 2025, Feb 25, USPTO US20220067204A1 System architecture for providing privacy by design
7. 2024, 11th Sep, EP3764263A1. Evaluating efficacy of security controls in enterprise networks using graph values. Priority 2019-07-12, Filed 2020-07-10, EP3764263A12021 Jan 13th.
8. 2024, Feb 20, USPTO, US11907407B2. Generating attack graphs in agile security platforms. Priority to US17/644,503, Dec 15th, 2021.
9. 2024, Jan 23rd, USPTO, US 11880250 B2. Optimizing energy consumption of production lines using intelligent Digital Twins. Priority 2021 July 21st Application US20230021961A1, US17/814,045.
10. 2023, December 5th, USPTO, US11838310B2 . Generating attack graphs in agile security platforms. Prior applications 2021 Oct 20, US17/451,542.
11. 2023, December 5th, USPTO, US20220038491A1. Generating attack graphs in agile security platforms, , Priority to USPTO 16/545,078, US17/451,542.
12. 2023 Nov 21st, USPTO, US11822702B2. Generating attack graphs in agile security platforms. Priority March 7th 2022 US17/688,378. , June 16th 2022, Publication of US20220188460A1, Prior 2020-06-04 Publication of US20200177619A1.
13. 2023, Nov 7th, USPTO 11,811,816 B2. Generating attack Graphs in Agile Security Platforms. Priority USPTO 17/449,537 on Sep 30th, 2021. former Applications 2022 Jan 20th, US20220021698A1, former patent app 2019 August 29, US Patent App, 16/554,833, 2020-06-04 Publication of US20200177617A1.
14. 2023 Sep 12th, USPTO, US11757921B2. Leveraging attack Graphs of Agile Security Platform. Priority to US17/549,437 , Prior 2019, December 2, EP PTO 19212974.0-1218, Leveraging attack Graphs of Agile Security Platform.
15. 2023 Sep. 5th, USPTO US11750657B2. Cyber digital twin simulator for security controls requirements. Priority to 2021 Sep 2nd, USPTO US20210273978A1, Cyber digital twin simulator for security controls requirements, Priority 2020-02-28, Filed 2021-02-26.
16. 2023 Aug. 16th , EP 3664410 B1. Generating Attack Graphs In Agile Security Platforms
17. 2023 July 4th, USPTO, US11695795B22023/7/4. Evaluating effectiveness of security controls in enterprise networks using graph values. Priority to 2020 July 10, USPTO patent application 16/925,583, 20185251.4, Evaluating effectiveness of security controls in enterprise network using graph values.
18. 2022 Oct 25, USPTO 11,483,213. Enterprise Process Discovery Through Network Traffic Patterns. Priority to 2022 Jan 13nd, US20220014445A1, Enterprise process discovery through network traffic patterns, Priority to US16/924,489 2020 July 9, Priority 2020 July 9th, provisional US16/924,489 Method for business activity discovery via analysis of network traffic patterns.
19. 2022 March 15th , USPTO, US11277432B2. Generating attack graphs in agile security platforms. Prior USPTO 16/554,846, EP 19212981.5, US20200177618A1.

20. 2022 3rd Feb, USPTO, Sub registration 17/451,542 to support future 20220038491A1. Generating attack graphs in agile security platforms.
21. 2022 Jan 25th, USPTO, US11232235B2. Generating attack graphs in agile security platforms. Priority patent application 2018, Dec 03, USPTO 16/556,380, A120200175175. US11907407B2 (Adjusted expiration) to 30/02/2024.
22. 2021 Nov 3rd, EP3664409B1. Leveraging attack graphs of agile security platform. Priority 2018-12-03 US20200177615A1, US16/375,965 USA201916375965, Filed 2019-12-02.
23. 2021 Oct 26th, USPTO US11159555B2. Generating attack graphs in agile security platforms. Priority application US20220038491A1, 11,159,155 B2. Relates to 2019 August 20, USPTO Patent Application 16/545,078, 2020-06-04 US20200177616A1.
24. 2021 Oct 5, USPTO 11,138,312 B2. Cyber Range integrating Technical and Non-technical Participants, Participant Substitution with AI Bots, and AI Bot Training. First inventor. Priority on 2020-06-25, US20200201992A1. Former application 2018, Dec 19, USPTO Application 16/226,169.
25. 2020. August 25, USPTO, US10754939B2. System and Method for Continues Authentication Using Augmented Reality and Three-Dimensional Object Recognition. Priority USPTO appl 15/632427.
26. 2019 June 18, USPTO, US10326765B2. System, Method, and Software, for Providing Access Control Enforcement Capabilities in Cloud Computing Systems. Priority 2009, Sep 23, USPTO Appl. No. 12/565474, Pub No. US 2011/0072487, US20170054728A1.
27. 2018, April 24, USPTO US9952958B2. Using Patterns and anti-patterns to improve system performance, Priority 31 March 2016 US15/087,771 First inventor out of 4.
28. 2017, April 18, USPTO Grant 9,626,526,. Trusted public infrastructure grid cloud. Priority 14/750,852, 13/459593, US20130291052, 20160359911. First inventor out of 5.
29. 2017, March 7, USPTO 9,589,239. Recommending alternatives for providing a service. Prior USPTO US20120116747A1, USPTO Priority 12/943125.
30. 2017, February 21, USPTO 9,577,894. System and method for codification and representation of situational and complex application behavioral patterns. Priority USPTO Appl. No. 13/832,751.
31. 2016, November 22, USPTO US9503475B2 . Self-Adaptive and Proactive Virtual Machine Images adjustment to environmental security risks in a cloud environment. Priority USPTO Appl. No. 13/585288 14 Aug 2012.
32. 2016, Sep 20, USPTO US9449276 B2, USPTO. Graphical Model-Driven System for Knowledge Management tools. Priority to 12/187921 7th Aug 2008. Pub No. US 2009/0049000.
33. 2016, Sep 6, USPTO US9436523 B1, Holistic non-invasive evaluation of an asynchronous distributed software process. Priority USPTO Appl. March 7th 2013,. No. 13/788,567.
34. 2016, Sep 6th, USPTO US9436832. System and method for virtual image security in a cloud environment. Priority 8839447, App US 15/246,034, 14/337,771, 13/405,973, 20130227699, 20140373180, 20160366143.
35. 2016, Jul 26, USPTO US9400637 B1. Solution modeling and analysis toolset for enterprise software architecture. Priority to US13/798,929, and Priority to US15/202,893.

36. 2016, Jul 12, USPTO US9389898B2. System and Method for Enforcement of Security Controls on Virtual Machines Throughout Life Cycle State Changes. Priority Appl. No. 13/633,487, 20140096134, 20160299778 app 15/184,635.
37. 2016, May 10, USPTO US9336331 B2. Detecting, Using, and Sharing IT Design Patterns and anti-Patterns. Priority 9952958, Apr 26, 2010, USPTO Appl. No 20160217054 15/087,771. 12/767357, Pub No. US 2011/0265064.
38. 2016, Jan 26, USPTO US 9244655 B1. Solution modeling and analysis toolset for enterprise software architecture and skeleton architecture. Priority filing date 2013, 13 March USPTO Appl. No. 13/799,046..
39. 2015, Sep 15, USPTO US 9135324 B1. System and Method for analysis of Process data and discovery of situational and complex applications. Priority Appl. No. 13/832,763.
40. 2015, August 25, USPTO US9117093 B2. Centralized policy-driven maintenance of Virtual Machine Disks (VMDKs). Priority Appl. No. 13/627505.
41. 2015, Nov 17, USPTO US9189203. Solution Modeling and analysis toolset for Enterprise Software Architecture and Architecture Roadmaps. Priority Appl. No. 13/798,768.
42. 2015, April 7, USPTO US9003546. Secured Deletion of information. Priority Appl. No. 13/655,251.
43. 2015, March 31, USPTO Patent US8997173 B2. Managing security clusters in cloud computing environments using autonomous security risk negotiation agents. Priority app. No. 13/611519.
44. 2015, March 3, USPTO Patent US8972951 B2. Embedding performance monitoring into mashup application development. Priority Appl. No. 13/625339.
45. 2015, February 15, USPTO Patent US8966573 B2. Self-generation of Virtual Machines security clusters. Priority Appl. No. 13/554,559.
46. 2014, Nov 15, USPTO Patent US8898304. Managing Access to Resources of Computer Systems Using Codified Policies Generated from Policies. Priority 13/546814.
47. 2014, Nov 4, USPTO Patent US8880560 B2. Agile Re-Engineering of information Systems. Priority USPTO Appl. No. 12/768915, 14/526,680 Pub No. US 2011/0270804.
48. 2014, Sep 16, USPTO US 8838968 B2. System and method for virtual machine data protection in a public cloud. Priority application US20130305046, app number US 13/470,395.
49. 2014, Sep 2, USPTO US8826275, System and method for self-aware virtual machine image deployment enforcement. Priority USPTO Appl. No. 13/223651, Sep 1, 2011.
50. 2014, Jun 10, USPTO, US8752013 B2. System and method for evaluating and selecting software components and services. Priority USPTO Appl. No. 12/725859, Pub No. US 2011/0231817.
51. 2013, July 16, USPTO US8,484,136B2. Brokering and Payment Optimization for Cloud Computing". Priority US No. 12/767453, 13/936,978 July 8, 2013. Pub No. US 2011/0264571.
52. 2013, July 16, USPTO US8490150 B2. Method and software for Enforcing Access Control Policy Rules on Utility Computing Virtualization in Cloud Computing Systems. Priority Appl. No. 12/565318, Pub No. US 2011/0072486. First inventor out of 2. 214 Citations.
53. 2013, March 12, USPTO US8396771B2 .Using cloud brokering services for an opportunistic cloud offering. Priority Appl. No. 12/941,566 Nov 9, 2010. Pub No. US 2012/0116831/.

54. 2012, December 25, USPTO US8340984B2. Certified IT Services in a Box. Priority USPTO Appl. No. 12/767431, Pub No. US 2011/0264471).

55. 2011, Nov 29, USPTO US8069242B2. System, Method, and Software for integrating Cloud Computing Systems. Priority November 29, 2011, Prior Publication US 2010/0125664 A1, May 20, 2010. Filed on Sep. 16, 2009, as Appl. No. 12/560,754, provisional application 61/114876, filed on Nov. 14, 2008.

Patent Pending (alphabetic order):

1. 2025, August 6, USPTO, application 19/292,681. (no link yet). Systems and methods for assessing and improving data interoperability of large-language models. Priority: provisional app 63/684,081 filed on August 16, 2024. Full application.
2. 2024, May 9th, USPTO, US20240296181A1. Compiling Ontologies. Prior 18/176,970. Filed on 2023, March 1st.
3. 2023, Aug 10th, USPTO 18/166,318 US20230252044A1. Ontology Driven Data Synchronization Mechanism. Priority to Feb 8th, 2023.
4. 2023, Aug 10th, USPTO, US20230252080A1 . Decoupling Ontologies in Distributed Data Mesh, Priority to EP23155822.2A Feb 9th, 2023.
5. 2023, June 6th, EP4239495A1. Ontology Driven Data Synchronization Mechanism. Priority with changes to 18/166,318/ US20230252044A1.
6. 2023 March 2nd, USPTO , US20230067777A1. Distributed Data Nodes for Flexible Data Mesh Architectures. Priority to US17/898,153, 29th Aug 2022.
7. 2023 March 1st, EP4142427A1. Distributed data nodes for flexible data mesh architectures.
8. 2023, Feb 8th, EP4239478A1 . Decoupling Ontologies in Distributed Data Mesh, Priority Feb 2nd, 2023, 18/166,304.
9. 2022, Sep 28th, EP4064049A1. Estimating and Improving Residual Carbon debt in cloud-based applications.
10. 2022 February 23rd, European PTO, EP3958155A1, Knowledge graph enhancement by prioritizing cardinal nodes. Similar and priority to USPTO 16/995,382.
11. 2022 February 17th, USPTO, US20220051111A1. Knowledge graph enhancement by prioritizing cardinal nodes. Priority to US16/995,382.
12. 2021 July 13th, USPTO Provisional Application 63/236,841 (Secret, no link). Automated prioritization of cyber risk mitigation by simulating exploits.
13. 2021 August 31st, USPTO Provisional Application 63/238,895 (Secret, no link). Distributed data nodes for flexible data mesh architectures.
14. 2021 August 10th, USPTO, Provisional Application 63/248,726 (Secret, no link). Platform for offsetting carbon, 12587-0943P01.
15. *2020, Feb 28, USPTO, Provisional Application 62/983,040, (Secret, no link). Cyber Digital Twin Simulator for Security Controls Requirements.
16. 2019, July 12, USPTO, Provisional Application 62/873,530, Secret, no link). Measuring Effectiveness of Cyber Security Controls Using Agisec.
17. 2019, April 5, USPTO, Provisional Application 62/829,696, and 62/774,516, Agile Security Platform, United States Fish Ref.: 12587-0764P02.

18. 2018 Oct 18, USPTO, US20180300341A1. System and Method for Identification of Establishments Captured in Street-Level Images. Priority to US15/489,755, 18 April 2017.
19. 2016 Oct 27th, USPTO, Application of US20160313979A, Solution modeling and analysis toolset for enterprise software architecture. Priority to US15/202,893 7th June 2016.
20. 2016 July 5, USPTO, US20150356159A1. Establishing credibility of online content generated from crowd sourcing. Priority 14/730248, 2015 June 4th.
21. 2014, Feb 5, USPTO, Provisional Application 61935960 (Secret, no link). System and methods for 6-dimensional data store and big data sales network for probability predictive analytics.
22. 2013 May 7, USPTO, US20130060824A1. System for embedded knowledge management. Priority Sep 1st, 2011, 13/223413.
23. 2014, March 20th, USPTO , US20140081684A1. System and method for proactive optimization of self-activated services". Priority 2012 Sep 20th, USPTO Appl. No. 13/623721.
24. 2013, Nov 21st, USPTO, US20130311229A1. Proactive risk assessment for system architecture evolutions. Priority 2012, May 16, USPTO Appl. No US 13/472,857.
25. 2014, Jan 16th, USPTO, US20140019335A1. System and Method for Self-service cloud-based arena for information technology Driven situational management. Priority 2012, July 12, USPTO Appl. No. 13/547796.
26. 2013, Aug 29th, USPTO, US20130227710A1. System and Method for Securing Leased Images in a Cloud Environment. Priority 2012, Feb 27, USPTO Appl. No. 13/406036.
27. 2102, Nov 15th, USPTO, US20120290110A1. Evaluating Composite Applications Through Graphical Modeling. Priority 2011, May 13, USPTO Appl. No. 13/107233.
28. 2011, Sep 22nd, USPTO, US20110231229A1. Hybrid Software Component and Service Catalog. Priority 2010, March 22, USPTO Appl. No. 12/728616, Pub No. US20110231229A1, US 2011/0231229.
29. 2011, Sep 1st, USPTO, US20110213712A1. Cloud Broker and Procurement System and Method. Priority 2010, Feb 26, USPTO Appl. No. 12/713557, Pub No. US 2011/0213712.
30. 2011, Aug 25th, USPTO, US20110208606A1. Information Technology Services e-commerce arena for cloud computing environments. Priority 2010, Feb 19, USPTO Appl. No. 12/708879, Pub No. US 2011/0208606.
31. 2011, March 24th, USPTO, US20110072487A1. System, Method, and Software, for Providing Access Control Enforcement Capabilities in Cloud Computing Systems. Priority 2009, Sep 23, USPTO Appl. No. 12/565474, Pub No. US 2011/0072487.
32. 2010, March 18th, USPTO, US20100070981A1. System and Method for Performing Complex Event Processing. Priority 2009, Sep 16, USPTO Appl. No. 12/553416, US20170054728A1, Pub No. US 2010/0070981. First inventor out of 3. Citation 35.

Published Articles in Refereed Journals

1. **Hadar E**. (2010). Security Enforcement for Cloud Computing Using Access Control Adaptation Layer. *CA Technology Exchange Journal*, 1(1). Rewarded with 'Most influential

Publication'.

2. Levy M, Hadar I, Greenspan S, **Hadar E.** Uncovering cultural perceptions and barriers during knowledge audit. *Journal of Knowledge Management*. 2010 Feb 23; 14(1): 114-27. 74 citations. RG Journal Impact 2010 2.88, 5-year Impact Factor (2024): 6.6, Management of Technology and innovation (Q1); Strategy and Management (Q1)
3. Butnariu D., Censor Y., Gurfil P., **Hadar E**. on the behavior of subgradient projections methods for convex feasibility problems in Euclidean spaces. *SIAM Journal on Optimization*. 2008 Jul 3; 19(2): 786-807. 44 citations. Alphabet order, See prior conference publication by Butnariu et al. Impact Factor 2.6 , 5 Years JIP 3.2, Applied Mathematics (Q1); Software (Q1); theoretical Computer Science (Q1).
4. Hadar I, **Hadar E**. (2007) Hadar. an Iterative Methodology for Teaching Object Oriented Concepts. *informatics in Education Journal*, 6(1), 67-80. 25 Citations. IF 2.1 (2023).
5. Xiao, Y., **Hadar, E**., Censor, Y., Ben-Israel, A. and Galvin, J., (2006). SU-FF-T-24: A Model for Handling infeasibility Arising From IMRT inverse Planning. *Journal of Medical Physics*, 33(6), pp.2055-2055. IF (2024) 0.7, 5 years JIP 1, Radiology, Nuclear Medicine and Imaging (Q4)

Published Articles in Conference Proceedings

1. Busany N., **Hadar E**., Hadad H., Rosenblum G., Maszlanka Z., Akhigbe O. and Amyot D., 2024. Automating Business intelligence Requirements with Generative AI and Semantic Search. IEEE computers, software and application conference COMPSAC 2025, Toronto Canada, July 8-11, 2025. (also *arXiv preprint arXiv: 2412.07668*) Authors according to order of contribution. SJR 2024 0.225
2. Hadad M., Pegoraro M., Soffer P., **Hadar E**., Van der Aalst W.M.P, an uncertainty-aware event log of network traffic, *21st international Conference on Business Process Management Conf*, Sep-11-15 2023, Utrecht, Netherlands. Authors according to order of contribution. Rank A, rate 4.8.
3. **Hadar E**., Intelligent Data Mesh as the Future of Sustainable Distributed Data Platforms, *10th OpenSlava Conf*, Oct 20th, 2022, Bratislava, Slovakia.
4. **Hadar E**., Kravchenko D., Basovskiy A., Cyber Digital Twin Simulator for Automatic Gathering and Prioritization of Security Controls' Requirements, *28th IEEE intl. Requirements Engineering Conference*, August 31 to Sep 4, 2020, Zurich, Switzerland. Acceptance rate 30%. **Authors order based on contribution**. 31 citations. Rank A. Rate 5.0
5. **Hadar E**., Hassanzadeh A., Big Data analytics on Cyber Attack Graphs for Prioritizing Agile Security Requirements, *27th IEEE intl. Requirements Engineering Conference*, Sep 23, 2019 - Sep 27, 2019, Jeju Island, South Korea. Rank A. Rate 5.0
6. Hasan K., Shetty S., Ullah S., Hassanzadeh A., **Hadar E**. towards Optimal Cyber Defense Remediation in Energy Delivery Systems, *9th IEEE GLOBECOM 2019, Global Communication & information Systems Security*, Dec 9 – 13, Waikoloa, Hawaii, USA Authors according to order of contribution. Rate 5.0

7. Biltz M., Billiard M.C., Daugherty P.R., **Hadar E**. Liongosari E.R., the post-digital era – technology trends and needed, CAISE 30th *29th international Conference on Advanced information System Engineerin*g, June 2019, Rome, Italy. Rank A, Rate 4.5
8. **Hadar E.,** Shtok J., Cohen B., Tzur Y., Karlinsky L., Hybrid remote expert - an emerging pattern of industrial remote support , *CAISE forum, 29th international Conference on Advanced information System Engineerin*g, 12-16 June 2017, Essen, Germany. Authors according to order of contribution. Rank A, Rate 4.5
9. **Hadar E**., Hadar I., (2016), CURA: Complex-System Unified Reference Architecture, to *ENASE 2016, the 11 international conference on evaluation of novel approaches to software engineering*, Rome, Italy, April 2016. Authors according to order of contribution. Rank B
10. **Hadar E**., (2016) Mobile Gamification Principles Applied to Social Engagement, *the 7th international Conference on Software Business (ICSOB 2016),* Co-located with the *28th international Conference on Advanced information System Engineering (CAiSE 2016)*, Ljubljana, Slovenia, 13-14 June 2016.
11. **Hadar E**., Hadar I., (2016), BiDCEP: Big Data Complex Event Processing for Near Real Time Data Streaming. *CAISE industrial Track, 28th international Conference on Advanced information System Engineering (CAiSE 2016),* Ljubljana, Slovenia, 15-17 June 2016. Authors according to order of contribution. Rank A, Rate 4.5
12. **Hadar E**, Jerbi A., Hadar I. Self-aware deployment enforcement of virtualized and cloud-based images. *CLOSER 2012, 2nd international conference for cloud computing and service sciences,* pp. 602-605 April. Porto, Portugal. Authors according to order of contribution.
13. **Hadar E**, Hadar I, Ferguson DF. QDSL-Quality Domain Specific Language for Cloud Composite Applications-Short Research Paper. *in 2nd international conference for cloud computing and service sciences CLOSER 2012* (pp. 228-233). April. Porto, Portugal.
14. Hadar I, Brokman M**., Hadar E.**, Evaluating software architecture solutions in the cloud era. *CLOSER 2012, 2nd international conference for cloud computing and service sciences,* pp. 275-278 April. Porto, Portugal.
15. **Hadar E**, Danielson D.J., Certified IT services in a box for cloud computing environments. *CLOSER 2012, 2nd international conference for cloud computing and service sciences,* pp. 211-215 April. Porto, Portugal. Authors according to order of contribution.
16. Levi M., Hadar I**, Hadar E**., Web-based knowledge nuggets conceptual model for embedded knowledge management. *WEBIST 2012, 8th international conference on web information systems and technology*, pp. 546-551 April, Porto, Portugal.
17. **Hadar E**, Greenspan S., E-Commerce brokering arena for opportunistic cloud Services offerings, *the Fourth international Conferences on Advanced Service Computing, Service Computation*, July 22-27, Nice, France. 29% acceptance rate.
18. **Hadar E**., Davis J., Ferguson D.F., Proactive Performance Optimization of IT Services Supply-Chain Utilizing a Business Service innovation Value Roadmap. *the Third international Conference on Cloud Computing, GRIDs, and Virtualization, Cloud Computing*, July 22-27, Nice, France. 29% acceptance rate.
19. **Hadar E**. Protecting the physical boundaries of virtual machines in cloud computing. *international conference for cloud computing and service sciences*, Noordwijkerhout, the Netherlands 7-9 May, CLOSER 2011: 665-670. 10.9% acceptance rate.

20. **Hadar E**, Hadar I., Danielson D. Socio Engineering methodology for cloud computing analysis. *international conference for cloud computing and service sciences*, Noordwijkerhout, the Netherlands 7-9 May, *CLOSER 2011*: 260-267, DOI 10.5220/0003358202600267. 10.9% acceptance rate.
21. Ferguson DF, **Hadar E**. Optimizing the IT business supply chain utilizing cloud computing. *in Emerging Technologies for a Smarter World (CEWIT), 2011 8th international Conference & Expo on*. 2011 Nov 2 (pp. 1-6). IEEE. . Hauppauge, New York.
22. (Order according to Last Name, most contribution created by Hadar) Ferguson DF, **Hadar E**. Constructing and Evaluating Supply-Chain Systems in a Cloud-connected Enterprise. in *international conference on software and data technologies*, ICSOFT (1) 2010 (pp. 69-76). Athens, Greece.: 22-24 July, 69-76. 9.4% acceptance rate.
23. Levi M., Hadar I., Greenspan S., **Hadar E**., (2008). Knowledge Management Culture Audit: Capturing Tacit Perceptions and Barriers. *Americas Conference on information Systems, AMCIS 2008*, Toronto, Ontario, 14-17 August 2008: 388. Authors according to order of contribution.
24. **Hadar E**, Silberman GM. Agile architecture methodology: Long term strategy interleaved with short term tactics. *in Companion to the 23rd ACM SIGPLAN conference on Object-oriented programming systems languages and applications*. 2008 Oct 19 (pp. 641-652). ACM. 28.21% acceptance rate. Nashville, USA. Rank A
25. **Hadar E**, Hadar I. Effective preparation for design review: using UML arrow checklist leveraged on the Gurus' knowledge. *in Companion to the 22nd ACM SIGPLAN OOPSLA conference on Object-oriented programming systems and applications companion* 2007 Oct 20 (pp. 955-962). ACM. 21.15% acceptance rate. Montreal Canada. Rank A.
26. **Hadar E**, Perreira M. Web Services Variation Façade-Domain Specific Reference Architecture for increasing integration Usability. *in Web Services, 2007. ICWS 2007. IEEE international Conference on* 2007 July 9 (pp. 1207-1211). IEEE. **18%** acceptance rate. Salt-Lake City Utah, USA. Rank A.
27. Butnariu D., Censor Y., Gurfil P, and **Hadar E**., (2007). on the Behavior of Two Projection Methods for Convex Feasibility Problems. *the 22nd European Conference on Operational Research*, Prague, Czech Republic, July 2007. See later journal SIAM publication by Butnariu et al.
28. **Hadar E**, Hahiashvili Z, Aravot D. the H2 length estimation method: an algorithm for digitized curves for asymmetric 3d grid applied on coronary bypass surgery. *in Image Processing, 2005. ICIP 2005. IEEE international Conference on*. 2005 Sep 11 (Vol. 1, pp. I-1121). IEEE. Rank B.
29. Hadar I., **Hadar E**., the human aspects impact in designing collaborative information technology systems. *Security through Science, NATO Proceedings*, Konstanz, Germany, April 2005
30. **Hadar E**, Ben-Tal A. Optimal locally adjustable filtering of PET images by a genetic algorithm. *in Image Processing, 2001.* Proceedings. 2001 international Conference on. 2001 Oct 7 (Vol. 2, pp. 335-338). IEEE. Thessaloniki, Greece. Authors according to order of contribution. Rank B.

Published Workshops

1. **Hadar, E.,** 2025, September. Challenges of Digitizing Reality into a Connected Metaverse– the Complexity of Data Requirements of Distributed Digital Twins. In 2025 IEEE 33rd International Requirements Engineering Conference Workshops (REW) (pp. 353-358). IEEE. RE4Web3 2025, Requirements Engineering and Web3 systems, 1-5 September, Valencia, Spain. Rank A.
2. **Hadar, E**., Hadar, I., Levy, M. and Zlotnik, S., 2025, September. A Requirements Approach for Ecological Health Agentic AI: The Case of Digital Mentor for Occupational Therapists. In 2025 IEEE 33rd International Requirements Engineering Conference Workshops (REW) (pp. 572-577). IEEE. REWBAH 2025 - Sixth International Workshop on Requirements Engineering for Well-Being, Aging, and Health, 2 September, Valencia, Spain. Rank A.
3. **Hadar**, E., 2025, September. Engineering Accountable AI: A Role-Based Lifecycle Approach. In 2025 IEEE 33rd International Requirements Engineering Conference Workshops (REW) (pp. 419-424). IEEE. RETACH-AI 25 - Requirements Engineering for Accountable and Conscious Human-Centered AI, 1st September, Valencia, Spain. Rank A.
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