

CV



1. **Name Surname** : Nasser Lotfi
2. **Birth Date** : 22.03.1980
3. **Title** : Assist. Prof. Dr.

4. Education:

Degree	Field of Education	University name	Year
PhD	Computer Engineering	Eastern Mediterranean University	2015
Master	Computer Engineering (Software)	Azad University (Iran)	2005
Undergraduate	Computer Engineering (Software)	Azad Universtiy (Iran)	2002

5. Academic Title:

Dr., Computer Engineering, Eastern Mediterranean University, 2015

Asst. Prof. Dr., Computer Engineering, Girne American University, Haziran 2016

Asst. Prof. Dr., Computer Engineering, Cyprus International University, Haziran 2023

6. Supervised Master and PhD Thesis

Stn	Name & Surname	Topic	Status
22218043	RAHAF EHAB MOHD ISMAIL	Improving the Performance of Genetic Algorithm for Solving Single Objective Multiprocessor Scheduling Problem	defended

7. Publications

7.1 International SCI publications

1. N. Lotfi and M. G. Nejad, "A New Hybrid Algorithm Based on Improved MODE and PF Neighborhood Search for Scheduling Task Graphs in Heterogeneous Distributed Systems", *Applies Sciences*, 2023.
2. K. Bahlouli, N. Lotfi and M. G. Nejad, "A New Multi-Heuristic Method to Optimize the Ammonia–Water Power/Cooling Cycle Combined with an HCCI Engine", *Sustainability*, 2023.
3. A. Acan and N. lotfi, "A Rank-Driven, Dynamic Multi-Deme and multi-agent Architecture for Real-Valued Multi-Objective Optimization", *Journal of Artificial Intelligence Reviews (IF = 3.81)*, Vol 48, pp: 1-29, Springer, June 2017.

4. N. Lotfi and A. Acan, "A Tournament-Based Competitive-Cooperative Multi-agent Architecture for Real Parameter Optimization", *Journal of Soft Computing* (IF = 2.36), vol 20, pp: 4597-4617, Springer, November 2016.

7.2 International conference, Proceedings and Symposium

1. N. Lotfi and I. Erşan, "Modified Multi-objective Differential Evolution for Task Graph Scheduling in Heterogeneous Distributed Systems", *Sixth International Symposium on Engineering, Artificial Intelligence and Applications*, Girne American University, 2019.
2. N. Lotfi and T. Tulgar, "Modified Simulated Annealing Algorithm for Data Allocation in Distributed Database Systems", *Sixth International Symposium on Engineering, Artificial Intelligence and Applications*, Girne American University, 2019.
3. N. Lotfi and K. Bahlouli, "A multi-heuristic system for optimizing the ammonia-water power/cooling cycle coupled with an HCCI engine", *16th International Conference on Clean Energy (ICCE)*, Famagusta, North Cyprus, May 2018.
4. N. lotfi and A. Acan, "Learning-based Multi-agent System for Solving Combinatorial Optimization Problems: a New Architecture", *The 10th International Conference on Hybrid Artificial Intelligence Systems, Lecture Notes in Artificial Intelligence (LNCS/LNAI)*, Springer, 2015, Bilbao, Spain.
5. N. lotfi and A. Acan, "Solving multiprocessor scheduling problem using multi-objective mean field annealing", *14th IEEE International Symposium on Computational Intelligence and Informatics (CINTI)*, 2013, Budapest, Hungary.
6. M. Abdollahi, A. Isazadeh and N. Lotfi, "Solving TSP problem using Ant Colony Optimization", *Computer Society International Computer Conference, CSICC 2009*, Tehran, Iran.
7. S. Parsa, S. Lotfi and N. Lotfi, "An Evolutionary Approach to Task Graph Scheduling", *ICANNGA 2007, International Journal of Lecture Notes Computer Science (LNCS)*, Springer Verlag Berlin Heidelberg, part I, pp 110-119, Warsaw, Poland 2007.
8. N. Lotfi, S. Parsa and S. Lotfi, "Static Task graph Scheduling on Multiprocessors", *Computer Society International Computer Conference, CSICC 2007*, Tehran, Iran.
9. S. Parsa, S. Lotfi, N. Lotfi, "Evolutionary Approach to Solving Task Graph Scheduling Problem", *Computer Society International Computer Conference, CSICC 2006*, Tehran, Iran.

7.3 Publication of book or chapter in a book

7.4 National publications

7.5 National conference, Proceedings and Symposium

7.6 Other Publications

1. N. Lotfi and J. Tamouk, "A Hybrid Method based on SA and VNS Algorithms for Solving DAP in DDS", *Computer Science Journal of Moldova*, 2021
2. J. Tamouk and N. Lotfi, "Loser-out multi metaheuristic framework for multi-objective optimization", *Computer Science Journal of Moldova*, pp: 285-313, 2020

3. N. Lotfi, "Data allocation in distributed database systems: a novel hybrid method based on differential evolution and variable neighborhood search", SN Applied Science, Springer, 2019.
4. N. Lotfi, "Ensemble of multi-objective metaheuristics for multiprocessor scheduling in heterogeneous distributed systems: a novel success-proportionate learning-based system", SN Applied Science, Springer, 2019.
5. J. Tamouk and N. Lotfi, "Two-layer Soft Majority Voting: Application for Bone Segmentation in X-RAY Images", International Journal of Computer Science and Information Security, USA, Dec 2018.
6. N. Lotfi, J. Tamouk and M. Farmanbar, "3-SAT problem: a new memetic-PSO algorithm", International Journal of Computer Science and Information Security, IJCSIS, 2013, USA.
7. J. Tamouk, N. Lotfi and M. Farmanbar, "Satellite Image Classification Methods and Landsat 5TM Bands", International Journal of Computer Science and Information Security, IJCSIS, 2013, USA.

8. Projects

9. Administrative tasks

10. Membership

11. Awards

12. Lecture courses offered within past two years

Academic Year	Semester	Course Code	Weekly hours		Number of Students
			Theory	Laboratory	
2023-2024	SUMMER	CMPE313	3	2	20
2023-2024	SPRING	CMPE214	3 × 4 (group)	2 × 4 (group)	174
		SWEN202	3 × 2 (group)	0	76
		CMPE425	3	0	30
		SWEN100	1	0	
2023-2024	FALL	CMPE214	3 × 3 (group)	2 × 3 (group)	135
		SWEN202	3	0	36
		SWEN301	3	2	43
2022-2023	SPRING	CMPE313	3	2	54
		CMPE214	3	1	52
		SWEN100	1	0	45
		SWEN202	3	0	34
		CMPE425	3	0	53
2022-2023	FALL	CMPE313	3	2	41
		CMPE214	3	1	48
		SWEN100	1	0	62
		SWEN202	3	0	19
		SWEN301	3	2	18