## **Curriculum Vitæ**

**Informazioni** personali

> **KEMAL Kemal** Nome

Indirizzo Dept. of Computer Science, University of Camerino - 62032 - Camerino (MC)

kemal.kemal@unicam.it E-mail

Cittadinanza **CYP** 

Data di nascita 25/12/1971

Titoli di studio

2022/2023 A.A. conseguimento

Dottore di ricerca Titolo conseguito

> Descrizione PhD in Computer Science (in progress)

Geometry-Based Optimisation Heuristics for Region Coverage and Pathfinding in Titolo della Tesi

**Drone-Based Operations** 

Titolo dottorato SCIENCE AND TECHNOLOGY

Nome e indirizzo

Università degli Studi di CAMERINO - Via del Bastione, 2 - CAMERINO istituzione

Data di

24/10/2018 conseguimento

Titolo conseguito Master

> Descrizione MSc. in Sustainable Environment and Energy Systems

Titolo della Tesi Energy Efficient Routing With Directional Antennas In Wireless Sensor Networks

Nome e indirizzo Middle East Technical University - - Ankara

istituzione

Data di

conseguimento Titolo conseguito Master

> MSc. in Computer Science Descrizione

20/12/1998

Titolo della Tesi "Senza Tesi"

Nome e indirizzo University of Maryland - - College Park, MD 20742 istituzione

Data di 01/07/1994 conseguimento

Titolo conseguito Laurea (vecchio ordin.)

Descrizione BSc. in Computer Engineering

Titolo della Tesi An Image Analyzing Expert System For Detection of Periodontal Bone Lesions

Nome e indirizzo Bogazici University di Istanbul - - Istanbul

istituzione

**Esperienze** 

Periodo 26/02/2019 - oggi Posizione Dottorando

Tipo di attività svolta

PhD in Computer Science

Nome e indirizzo istituzione

Università degli Studi di CAMERINO - Via del Bastione, 2 - CAMERINO

Struttura

Dip. MATEMATICA E INFORMATICA

Periodo

01/02/2016 - 01/02/2019

Posizione

Borsista

Tipo di attività svolta TA in Dept. of Computer Engineering and studied for MSc. in Dept. of Sustainable Environment and Energy Systems

Nome e indirizzo istituzione

Middle East Technical University - - Ankara

Periodo

01/06/1996 - 01/09/1998

Posizione

Borsista

Tipo di attività svolta

University research assistant Dept. of Computer Science, University of Maryland, College Park

Nome e indirizzo istituzione

University of Maryland - - College Park, MD 20742

## Elenco dei prodotti della ricerca

KEMAL K, Leonardo Mostarda (in stampa). Novel Concave Hull Based Approximation Algorithm For TSP. SN OPERATIONS RESEARCH FORUM, ISSN: 2662-2556

KEMAL K, Leonardo Mostarda (2021). Heuristic Drone Pathfinding over Optimised Charging Station Grid. IEEE ACCESS, ISSN: 2169-3536, doi: https://doi.org/10.1109/ACCESS.2021.3134459

Kemal K, Leonardo Mostarda (2021). Optimum Path Finding Framework for Drone Assisted Boat Rescue Missions. PROCEEDINGS INTERNATIONAL CONFERENCE ON ADVANCED INFORMATION NETWORKING AND APPLICATIONS, ISSN: 1550-445X, doi: https://doi.org/10.1007/978-3-030-75078-7 23

Kemal K, Orhan Gemikonakli, Leonardo Mostarda (2021). Voronoi Tesselation-based load-balanced multi-objective priority-based heuristic optimisation for multi-cell region coverage with UAVs. INTERNATIONAL JOURNAL OF WEB AND GRID SERVICES, ISSN: 1741-1106, doi: https://dx.doi.org/10.1504/IJWGS.2021.114574

KEMAL K, Orhan Gemikonakli, Leonardo Mostarda (2020). Multi-objective Priority Based Heuristic Optimization for Region Coverage with UAVs. In: Advances in Intelligent Systems and Computing book series (AISC, volume 1151). ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING, ISSN: 2194-5357, doi: https://doi.org/10.1007/978-3-030-44041-1 68

Fadi Al-Turjman, KEMAL K (2019). Energy-Aware Routing Protocol for Nanosensor Networks. In: Internet of Nano-Things and Wireless Body Area Networks (WBAN). ISBN: 9780429243707, doi: https://doi.org/10.1201/9780429243707-9

Fadi Al-Turjman, KEMAL K (2019). LaGOON: a simple energy-aware routing protocol for wireless nano-sensor networks. IET WIRELESS SENSOR SYSTEMS, ISSN: 2043-6386, doi: https://doi.org/10.1049/iet-wss.2018.5079

KEMAL K, Rahib Hidayat Abiyev (2011). Exploiting the synergy between fractal dimension and lacunarity for improved texture recognition . SIGNAL PROCESSING, ISSN: 0165-1684, doi: https://doi.org/10.1016/j.sigpro.2011.04.018

Rahib Abiyev, KEMAL K (2009). Adaptive Iris Segmentation. In: Advances in Information Security and Assurance, LNCS, volume 5576. LECTURE NOTES IN COMPUTER SCIENCE, vol. 5576, ISBN: 978-3-642-02616-4, ISSN: 0302-9743, doi: https://doi.org/10.1007/978-3-642-02617-1 10

Rahib Abiyev, KEMAL K (2009). An efficient fractal measure for image texture recognition. In: ICSCCW 2009 - 5th International Conference on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control. ISBN: 978-1-4244-3429-9, doi: https://doi.org/10.1109/icsccw.2009.5379454

Hwang, E., KEMAL K, Subrahmanian, V.S. (1998). Handling Updates and Crashes in VoD Systems. MULTIMEDIA TOOLS AND APPLICATIONS, ISSN: 1380-7501, doi: https://doi.org/10.1007/978-0-585-33820-0 5 KEMAL K, Ethem Alpaydin, Ali Riza Kilic (1994). An Image Analyzing Expert System For Detection of Periodontal Bone Lesions. In: Proceedings of ISCIS 9, 1994. Antalya -Turkey, 1994