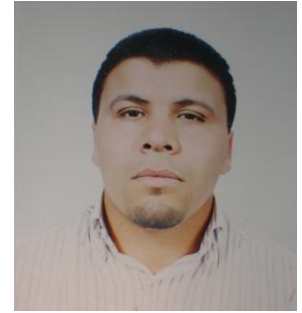


# CURRICULUM VITAE



## Personal information

DHAHRI Habib

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9100, Tunisia

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## Educational Background

- Ph.D, Engineering Information Systems, National Engineering School of Sfax (ENIS), University of Sfax, Tunisia, 2013.
- Master , New Technology of Information Systems, Faculty of Sciences of Sfax, University of Sfax, Tunisia, 2003.
- Mastership in Computer science, Faculty of Sciences of Sfax, University of Sfax, Tunisia, 2001.
- Baccalaureate in Mathematics, Meknessy, SidiBouzid, 1997

## Professional Experience

- Assistant professor, Faculty of Science and Technology, Sidi Bouzid (FSTSB), 2015.
- Assistant, Faculty of Science and Technology, Sidi Bouzid (FSTSB), 2012-2015.
- Head of Department of Math & Computer science, FSTSB, 2012-2014.
- Corresponding C2i, FSTSB, 2013-Present.
- Member of the Scientific Board , FSTSB, 2013-Present
- Teacher , computer science ,Meknassy school, 2001-2012

## Research interests

- Research and development of INTELLIGENT MACHINE
- Areas of Interest:
  - Artificial intelligence ,Neural network
  - Evolutionary computation: Genetic algorithms and Differential Evolution, swarm intelligence (Particle swarm intelligence, Cuckoo search and artificial bee colony).
  - Soft computing
  - Big Data

## **Teaching**

- Assembly language
- Computer architecture
- Python
- Linux
- Algorithms and Data Structures
- C ++ language
- C language
- Algorithms and Programming
- Computer Networks
- Database
- Information Technology & Internet Certification
- Theory language
- IT security

## **Reviewer at international scientific journal and conference**

- Neurocomputing, Elsevier, ISSN: 0925-2312
- Pattern Recognition Letters, Elsevier, ISSN: 0167-8655
- Neural Processing Letters, Springer, ISSN: 1370-4621
- Journal of Robotics and Automation, ISSN: 1925-7090
- Applied Soft Computing, ISSN: 1568-4946
- Joint International Conference on Neural Networks
- Conference on Computer evolutionary
- Conference computing inspired by nature and biology
- Conference on Intelligence and Information Security
- International Conference on Intelligent Computing

## **Membership of Professional/Scientific Organizations**

- Member of the IEEE Computer Society
- Member of IEEE Computation Intelligence Society
- Member of Technical Committee on Soft Computing
- Member of Systems, Man, and Cybernetics
- Member of ACM

## **Publications**

### **Publication in refereed journals**

S. Bouaziz, H. Dhahri, Adel M. Alimi, A. Abraham, A Hybrid Learning Algorithm For Evolving Flexible Beta Basis Function Neural Tree Model, **Neurocomputing**, 117 (2013), 107-117.

Habib Dhahri, Adel M. Alimi, Ajith Abraham: Hierarchical multi-dimensional differential Evolution for the design of neural network beta Basis Function, **Neurocomputing**, 97 (2012), 131-140.

### **Paper submitted for publication in refereed journals**

S. Bouaziz, H. Dhahri, Adel M. Alimi, A. Abraham, Evolving Flexible Beta Basis Function Neural Tree Using Extended Genetic programming & Hybrid Artificial Bee Colony . Submitted to **Applied soft computing**.

### **Publications in series Lecture Notes in Computer Science**

S. Bouaziz, H. Dhahri, Adel M. Alimi, Beta Evolving Flexible Neural Trees Operator (FBONT) for Time series forecasting, **T. Huang et al. (Eds.): ICONIP 2012, Part III, LNCS 7665, p. 17-24, 2012, Springer Berlin / Heidelberg.**

Habib Dhahri, Adel Alimi and Ajith Abraham, Hierarchical Particle Swarm Optimization for the Design of Beta Basis Function Neural Network, **Advances in Intelligent Systems and Computing, Volume 182, 193-205, 2012.**

Habib Dhahri, Adel M. Alimi: Automatic Selection for the Beta Basis Function Neural Networks, **Studies in Computational Intelligence, Vol. 129, 2008, pp. 461-474. Springer Berlin / Heidelberg.**

### **Publications in refereed conference proceedings**

Habib Dhahri, Adel M. Alimi, Ajith Abraham: Designing of Beta Basis Function Neural Network for Optimization Using Cuckoo Search (CS) ,**International Conference on Hybrid Intelligent Systems ,HIS'14**, December, Kuwait, 2014,pp. 110-116.

Habib Dhahri, Adel M. Alimi, Ajith Abraham: Designing Beta Basis Function Neural Network for Optimization Using Artificial Bee Colony (ABC), **WCCI 2012 IEEE World Congress on Computational Intelligence**, June, Brisbane, Australia, 2012, p. From 2923 - 2929.

Habib Dhahri, Adel M. Alimi: Opposition-Based Differential Evolution for Beta Basis Function Neural Network. In Proceedings of the **IEEE Congress on Evolutionary Computation, CEC 2010** , July 18-23, Barcelona, Spain, 2010, p. 1-8.

Habib Dhahri, Adel M. Alimi: Opposition-Based Particle Swarm Optimisation for Beta Basis Function Neural Network. In Proceedings of the **IEEE Congress on Evolutionary Computation, CEC 2010** , July 18-23, Barcelona, Spain, 2010, p. 1-8.

Habib Dhahri, Adel M. Alimi, Fakhri Karray: Designing beta Basis Function neural network using particle swarm optimization for optimization. In the Proceedings of the International **Joint Conference on Neural Networks, IJCNN 2008**, Hong Kong, China, 2008, pp.. From 2564 to 2571.

Habib Dhahri, Adel M. Alimi, Fakhri Karray: The modified particle swarm optimization for the design of the Beta Basis Function neural networks. In Proceedings of the **IEEE Congress on Evolutionary Computation, CEC 2008**, June 1-6, Hong Kong, China, 2008, pp.3874-3880.

Habib Dhahri, Adel M. Alimi: The Modified Differential Evolution and the RBF (MDE-RBF) Neural Network for Time Series Prediction. In the Proceedings of the **International Joint Conference on Neural Networks, WCCI 2006**, July 16-21, Vancouver, BC, Canada, 2006, p. From 2938 to 2943.

Dhahri, Adel M. Alimi: Hierarchical Learning Algorithm for the Beta Basis Function Neural Network. **SSD 2005** Sousse, Tunisia.

## **Language Knowledge**

- Arabic fluent
- French fluent
- English fluent

## **Computer skills**

Windows, Linux, Pascal, Matlab, Flash, SQL, C,C++, Python, etc...