

PERSONAL INFORMATION



Yassine Aribi

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Sex Male | Date of birth 09/08/1975 | Nationality Tunisian

Assistant Professor at Ranyah University College Technology and Science Department - Taif UNIVERSITY Internal Auditor SMQ ISO 19011:2011 and 9001 2008

WORK EXPERIENCE

- Since September 2019 **Assistant Professor**
Ranyah University College - Taif UNIVERSITY -Saudi Arabia
- AY. 2015 –2019 **Assistant Professor**
National School of Engineers of Sfax, University of Sfax-Tunisia
- AY. 2003 –2015 **Common Core Teacher**
Faculty of sciences of Gabès, University of Gabès -Tunisia

EDUCATION and CERTIFICATES

- Mai, 2015 **PhD in Computer Science**
Computer Systems Engineering
▪ National School of Engineers of Sfax
▪ **Title:** Towards an Intelligent Approach for Segmentation and Tracking of Region of Interest in Scintigraphic Image Sequences
- June 2011 **Master in Computer Science**
New Technologies of Dedicated Computer Systems
▪ National School of Engineers of Sfax
▪ **Title:** New event detection video approach based on incremental learning
- Jun 2002 **Bachelor in Computer Science applied to the Management**
Computer Science applied to the Management
▪ Faculty of Economic Sciences and management of Sfax
▪ **Title:** An Automated System for Acquisition Management

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	C2	C2	C2	C2	C2
English	C2	C2	B2	B2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

ORGANISATIONAL SKILLS

- **Conference chair** of 4th IEEE Middle East Conference on Biomedical Engineering (MECBME 2018) from March 28-30, 2018.
URL: <http://mecbme.ieee.tn/>
- **Local Arrangements Chair** of SS-CITA'2015, from 12 to 15 November 2015.
URL: <http://sites.ieee.org/sscita/>
- **Local Arrangements Chair** of 10th IEEE International Conference on Service Operations and Logistics, and Informatics (IEEE SOLI), from 15 to 17 November 2015.
URL: <http://soli.ieee-sfax.org/>
- **Publicity Chair** of "The International Conference on Advanced Logistics and Transport" (ICALT'2014), 1-3 May, 2014, Hammamet - Tunisia.
URL: <http://www.icalt.org/2014/>
- **Local Arrangements Member** of "The 6th International Conference of Soft Computing and Pattern Recognition" (SoCPaR2014), 11-14 August, 2014, Tunis - Tunisia.
URL: <http://www.mirlabs.org/socpar14/>
- **Local Arrangements Chair** of "The 9th International Conference on Information Assurance and Security (IAS13)", 04-06 December, 2013, Tunis. Tunisia.
URL: <http://www.mirlabs.net/ias13/index.php>
- **Sponsors Chair** of "The 2013 International Conference on Individual and Collective Behaviors in Robotics ICBR'2013", December 15-17, 2013, Sousse, Tunisia
URL: <http://icbr.regim.org/>

RESEARCH INTERESTS

My current research focuses on Image Processing and Computer Vision, or more specifically, Medical image and video analysis, tracking and segmentation methods.

The research results are appeared in scientific journals and intentional conference papers of computer science. For more details please see the list of publications.

PUBLICATIONS

Journals

Accepted

- Asma Baghdadi, Rahma Fourati, **Yassine Aribi**, Sameh S. Daoud, Mariem Dammak, Chokri Mhiri, Habib Chabchoub, Patrick Siarry, Adel M. Alimi
(2023):A channel-wise attention-based representation learning method for epileptic seizure detection and type classification.
Journal of Ambient Intelligence and Humanized Computing, 14(7): 9403-9418 .
- Asma Baghdadi, **Yassine Aribi**, Rahma Fourati, Najla Halouani, Patrick Siarry, Adel M. Alimi
(2021):Psychological stimulation for anxious states detection based on EEG-related features.
Journal of Ambient Intelligence and Humanized Computing, 1-15.
- **Yassine Aribi**, Ali Wali ,(2019)"Kidney Segmentation in Scintigraphic Sequences Data using Multi-Agent Approach", Applied Medical Informatics, .vol.41 (2), 65-76
- Mohamed Chakroun, **Yassine Aribi**, Ali Wali, Adel M. Alimi,(2016), " M-SVM classifiers for Events detection in Video using Auto-associative Neural Network Models ", Journal of Information Assurance and Security,vol.11.
- **Yassine Aribi**, Fatma Hamza, Ali Wali, Adel M. Alimi, Fadhel Guermazi(2014),"An Automated System for the Segmentation of Dynamic Scintigraphic Images", Applied Medical Informatics, .vol.34

Conferences

- Asma Baghdadi, Rahma Fourati, **Yassine Aribi**, Patrick Siarry, Adel M. Alimi (2020), "Robust feature learning method for epileptic seizures prediction based on long-term EEG signals", International Joint Conference on Neural Networks (IJCNN), 1-7 .
- Asma Baghdadi, **Yassine Aribi**, Adel M. Alimi (2017), "Efficient Human Stress Detection System based on Frontal Alpha Asymmetry", the 24th International Conference on Neural Information Processing (ICONIP 2017) in Guangzhou, China, November 14–18, 2017.
- Asma Baghdadi, **Yassine Aribi**, Adel M. Alimi (2016), "A survey of methods and performances for EEG-based Emotion Recognition", the 16th International Conference on Hybrid Intelligent Systems (HIS 2016) in Marrakech, Morocco, 2016.
- Mohamed Chakroun, **Yassine Aribi**, Ali Wali, Adel M. Alimi, (2015), "Video event detection using auto-associative neural network and incremental SVM models", 15th International Intelligent Systems Design and Applications (ISDA), pp: 563-568.
- **Yassine Aribi**, Ali Wali, Adel M. Alimi (2015), "Automated Fast Marching Method for Segmentation and Tracking of Region of Interest in Scintigraphic Images Sequences". Computer Analysis of Images and Patterns, Malta 2015.
- **Yassine Aribi**, Ali Wali, Fatma Hamza, Adel M. Alimi, Fadhel Guermazi (2014), " ARG: A Semiautomatic system for ROI detection on Renal Scintigraphic images". Proc. The 14th International Conference on Hybrid Intelligent Systems (HIS'2014), Kuwait, December 2014.
- **Yassine Aribi**, Ali Wali, Adel M. Alimi (2013), "An Intelligent System for Video Events Detection", Proceedings of the 9th International Conference on Information Assurance and Security, IAS'13, December, Yasmine Hammamet-TUNISIE.
- **Yassine Aribi**, Ali Wali, Adel M. Alimi (2013), "An intelligent system for renal segmentation", Proceedings of the 15th International Conference on e-Health Networking - Healthcom'13, October, Lisbon, PORTUGAL, pp.1-6.
- **Yassine Aribi**, Ali Wali, Mohamed Chakroun, Adel M. Alimi (2013), "Automatic definition of regions of interest on renal scintigraphic images", Proceedings of the Conference on Intelligent Systems and Control, Vancouver, Canada, AASRI Procedia, vol.4, pp.37-42.
- **Yassine Aribi**, Ali Wali, Adel M. Alimi (2013), "A system based on the fast marching method for analysis and processing DICOM images: The case of renal scintigraphy dynamic", Proceedings of the International Conference on Computer Medical Applications (ICCMA'2013), Januray, Sousse, Tunisia, pp.1-6.
- **Yassine Aribi**, Ali Wali, Fatma Hamza, Adel M. Alimi, Fadhel Guermazi (2012), "Analysis of Scintigraphic Renal Dynamic Studies: An Image Processing Tool for the Clinician and Researcher", Proceedings of the first International Conference on Advanced Machine Learning Technologies and Applications (AMLT'12), December, Cairo , EGYPT, pp.267-275.

TEACHING ACTIVITIES

Since 09/2019

Assistant at Ranyah University College

Teaching	
Subject	Type
Multimedia technology	Lecture, Pratical
Advanced Algorithms	Tutorial
Images Indexing	Lecture, Pratical
Database	Pratical
Images processing	Lecture, Pratical
Operating System	Lecture, Pratical

From 09/2008 to 08/2015 Common Core Teacher at The National School of Engineers of Sfax

Teaching		
Subject	Type	Level
Algorithms and Data Structures	Practical	GI1
Photoshop	Practical	GB1
Logical system	Practical	GI1
Multimedia workshop	Practical	GI1
Object Oriented Programming	Lecture, Practical	GI1

From 09/2003 to 08/2008 Common Core Teacher at The Faculty of Sciences of Gabès

Teaching		
Subject	Type	Level
C Programming Language	Practical	MI1
Introduction to Matlab	Tutorial, Practical	SVT2, SM2
Computer architecture	Lecture, Practical	SVT2
Algorithms and Data Structures	Tutorial, Practical	SVT1, SM1
Fundamental of Database Systems	Lecture, Practical	LF11
Logical system	Lecture, Practical	SVT2

PEDAGOGICAL, SOFT SKILLS, AND CONTINUOUS TRAININGS

September 2015 Instructional Designer / Trainer Certificate, N-Training

June 15 -17, 2015 Quality Management Systems QMS Internal Auditor / lead Auditor (ISO 19011 : 2011, Business Training, Sfax-Tunisia

June 2015	Efficient Trainer Certificate, N-Training
May 10 -11, 2014	Training on ISO 9001: 2008 quality management and FD X50-550, Business Training, Sfax-Tunisia
March 20 -23, 2014	Training of trainers workshop, N-Training, Sousse-Tunisia
Feb. 2013	English for Academic Purposes: Reading and Writing Research Articles, ENIS, Sfax-Tunisia
Jan. 2013	English for academic purposes - Listening and Speaking in academic settings, ENIS, Sfax-Tunisia
Dec. 18 -22, 2011	Leadership Winter School LWS, Hammamet-Tunisia
Dec. 8 -10, 2011	Application of Research Methodologies in Information Systems Research, PARENIS/TEMPUS, Sfax-Tunisia
Jul. 7 – 10, 2010	Tempus Project:"Universities as a nucleus for business activities systematic innovation", Graz University – Austria.

SUPERVISING ACTIVITIES

2003 -> 2008	Supervision of 9 final projects, FSG, Tunisia
2008 -> 2015	Supervision of 14 final projects and 8 Mini-project, ENIS, Tunisia
2015 - 2018	Supervision of 11 final projects, ISIMA, Tunisia

SCIENTIFIC AND ASSOCIATIVE ACTIVITIES

Since December 2017	PHC-UTIQUE Project Coordinator (code project: 18G1430)
2015 -2018	Reviewer in scientific international revues (NeuroComputing, IEEE Transactions on cybernetics)
Since November 2016	IEEE: Senior Member (membership number 92146943)
2016 - 2020	IEEE EMBS Tunisia Chapter, chair
2015 - 2016	IEEE SMCS Tunisia Chapter, chair
Since Mai 16	Member of Association of Sustainable Innovation in Tunisia
Since June 10	Member of Institute of Electric and Electronic Engineering IEEE
Since April 10	Member of Research Groups in Intelligent Machines (REGIM Laboratory)