

CURRICULUM VITAE

PERSONAL DATA

- Name : Mohamed JMAIEL, Date of birth : 28 Juin 1966 in Sfax, Tunisia
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PROFESSIONAL ACTIVITIES

- Full Professor, Since January 2009, ENIS (National Engineering School of Sfax), University of Sfax, Tunisia
- Associate Professor, November 2003 - December 2009, ENIS , University of Sfax, Tunisia
- Assistant Professor, September 1997 - October 2003, ENIS, University of Sfax, Tunisia
- Assistant, September 1995 - September 1997, ENIS, University of Sfax, Tunisia
- Contractual Professor, October 1989 - February 1992, University of Kiel, Germany

PROFESSIONAL RESPONSIBILITIES

- General Director of the Digital Research Center of Sfax, since August 2014
- Director of the National Engineering School of Sfax, from August 2011 to July 2014
- Treasurer of the IEEE Tunisia section, from January 2011 to December 2012
- Head of research Laboratory on developing and control of distributed applications (ReDCAD) at the National Engineering School of Sfax, since January 2005
- Head of the Department of Computer Science and Applied Mathematics of the National Engineering School of Sfax, from May 2006 to July 2011
- Member of the scientific committee of the National Engineering School of Sfax, from May 2002 to July 2014

HIGHER EDUCATION

- Habilitation in Computer Science, University of Sfax, May 2003
- PhD in Computer Science, Technical University of Berlin, Germany, January 1996
- Computer Engineer Diploma, University of Kiel, Germany, April 1992
- Baccalaureate in Mathematics and Sciences, Habib Thameur Secondary School, Sfax, Tunisia, June 1985

RESEARCH ACTIVITIES

Habilitation in Computer Science : "*Formal Software Specification and Design*", defended on May 24, 2003 at the University of Sfax, Tunisia

PhD in Computer Science : "*Development of Communication Protocols using Algebraic and Temporal Specifications*", defended on January 26, 1996 at the Technical University of Berlin, Germany

Publications

- 64 journal papers, 193 conference papers, 15 book chapters

Defended PhD thesis

- 34 defended PhD thesis on topics related to software engineering of distributed systems

Commissions of trust

□ Guest Editor of international journals

"Journal of Systems and Software (JSS)" edited by Elsevier Science Publisher

"The Computer Journal" edited by Academy of Computing

"Concurrency and Computation: Practice and Experience" edited by Wiley

□ Reviewer for international journals

"ACM Transactions on Sensor Networks (TOSN)" edited by ACM

"IEEE Transactions on Neural Networks and Learning Systems" edited by IEEE

"Journal of Engineering Science and Technology" edited by Elsevier Science

"International Journal of Symbolic Computation (JSC)", edited by Elsevier Science

10 Most Relevant Publications

1. Lamia Ben Amor, Imene Lahyani, **Mohamed Jmaiel**: AUDIT: AnomaloUs data Detection and Isolation approach for mobile healThcare systems. *Expert Syst. J. Knowl. Eng.*, 37(1) (2020). (Impact factor: 1.505)
2. **Mohamed Jmaiel**, Mounir Mokhtari, Bessam Abdulrazak, Hamdi Aloulou, Slim Kallel: The Impact of Digital Technologies on Public Health in Developed and Developing Countries. *Lecture Notes in Computer Science* 12157, Springer 2020.
3. Fatma Ellouze, Ghofrane Fersi, **Mohamed Jmaiel**: Blockchain for Internet of Medical Things: A Technical Review. *Proceedings of the 18th International Conference, ICOST 2020, Hammamet, Tunisia, June 24-26, 2020, Springer Lecture Notes in Computer Science* 12157, 259–267.
4. Rania Ben Halima, Slim Kallel, Walid Gaaloul, Zakaria Maamar, **Mohamed Jmaiel**: Toward a correct and optimal time-aware cloud resource allocation to business processes. *Future Gener. Comput. Syst.* 112: 751-766 (2020). (Impact factor: 6.125)
5. Amal Gassara, Ismael Bouassida Rodriguez, **Mohamed Jmaiel**, Khalil Drira: Executing bigraphical reactive systems. *Discret. Appl. Math.* 253: 73-92 (2019). (Impact factor: 1.041)
6. Nesrine Khabou, Ismael Bouassida Rodriguez, **Mohamed Jmaiel**: An overview of a novel analysis approach for enhancing context awareness in smart environments. *Inf. Softw. Technol.* 111: 131-143 (2019). (Impact factor: 2.726)
7. Lamia Ben Amor, Imene Lahyani, **Mohamed Jmaiel**: Data accuracy aware mobile health-care applications. *Comput. Ind.* 97: 54-66 (2018). (Impact factor: 3.954)
8. Salma Daoud, Afef Mdhaffar, Bernd Freisleben, **Mohamed Jmaiel**: A multi-criteria decision making approach for predicting cancer cell sensitivity to drugs. *Proceedings of the 33rd Annual ACM Symposium on Applied Computing, SAC 2018, Pau, France, April 09-13, 2018: 47-53.*

9. Hatem Bellaaj, Afef Mdhaffar, **Mohamed Jmaiel**, Bernd Freisleben: An Adaptive Scrum Model for Developing Disease Registries. *Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies (BIOSTEC 2017) - Volume 5: HEALTHINF*, Porto, Portugal, February 21-23, 484-491.
10. Afef Mdhaffar, Tarak Chaari, Kaouthar Larbi, **Mohamed Jmaiel**, Bernd Freisleben: IoT-based health monitoring via LoRaWAN. *Proceedings of the IEEE -17th International Conference on Smart Technologies, EUROCON 2017*, Ohrid, Macedonia, July 6-8, 2017: 519-524.