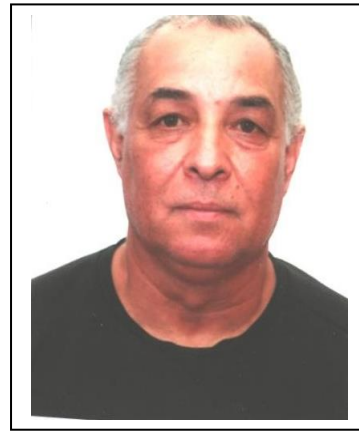


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Research Interest

- Artificial Intelligence and Deep Learning
- Pervasive computing
- Web services
- Big Data
- Data Mining
- Combinatorial Optimization

Education

- September 2019: Head of ENSTI (Ecole Nationale supérieure en Sciences et Technologies de l'Informatique), Amizour Campus, Béjaia.
- January 2016 : Professor in Computer Science, delivered by the Ministry of Higher Education and Scientific Research, Algeria.
- July 2010 : Accreditation for Research (HDR) at the National School of Informatics, ESI (ex.INI), Algiers.
- June 2008 : PhD in Networking and Distributed Systems, University of Bejaia, Algeria.
- July 1987 : Master by Research In Operational Research, Lancaster University, England.
- January 1983 : High Studies Diploma (DES) in Operational Research, USTHB, Algiers.
- June 1978 : Bachelor in Mathematics

Positions Held

- Head of Creation Project of ENSTI School, Campus Amizour, from September 2019- till now
- Head of CFD (Comité de formation doctorale) from 2016-till now
- Member of Scientific board (Comité scientifique du Département Informatique, CSDI) from 2018-till now
- Head of Computer Science Department from 2001-2013
- Head of Operations Research Department from 1998 to 2001
- Head of Department at ESI (ex INI), National School in Informatics, Algiers 1989-1994.

- From 2001, I've created and managed several academic and research structures at the University of Bejaia, Algeria.

- First, I took all the steps to create a Computing Department by setting up all the training programs in the classical systems (Bachelor, Engineer, Magister).

- I set up a doctoral school (ReSyd) and becomes rapidly a leader at a national level in terms of quality of the training and supervision provided. Indeed, I managed to nest a network of national and international competence where the courses and the thesis supervisions were ensured by eminent scientists coming from different universities (RMIT University-Australia, Chicago University-USA, University of UQO-Quebec, Canada, University of Lyon 1- France, University of Paris 12, France, School ENSEIHT, Toulouse, France, University of Compiègne, France, University of Lille 1, France, University of Rennes, France, University of USTHB, Algeria, ESI National School, Algeria, University of Constantine 2, Algeria) etc. Thanks to the doctoral school ReSyd, we have trained more than 300 computer science teachers who have been recruited by several Algerian universities (Bejaia, Jijel, Setif, Bordj Bou Arreridj, M'Sila, Bouira, Tizi-Ouzou).

- In 2004, University of Bejaia adopted the LMD system and I set up all the training offers at the three LMD levels. At the Bachelor level, I set up training programs from the perspective of a Masters with several options: Network and Distributed Systems (Research), Administration and Network Security (Professional), Software Engineering (Professional) and Artificial Intelligence. At the doctoral level, I implemented the programs of two specialties: Networks and Distributed Systems and Cloud Computing.

- Since 2013, I set up a research laboratory in Medical Informatics (LIMED) in order to structure the research activities led in the Computing Department. LIMED laboratory includes more than 100 researchers divided into 8 teams (Web services and Data Mining for Medical Applications, Parallel and Distributed Applications, Medical Image processing, IA and Robotic for Medical Applications, Knowledge representation and automatic learning, Big Data, IT and Economical Approach for Health care). LIMED is very active in research. In few years (from 2013-till now), it becomes a leader at National level where more than 160 PhD thesis were defended and hundreds of publications in outstanding journals (A/A+).

Other activities

- Member of several Scientific Committees (Faculty of Fundamental Sciences and the Department of Computer Science, University of Bejaia) from 2001-till now.

- Expert at the Central Region's Commission (Commission Régional du Centre, CRC, Ministry of Higher Education and Scientific Research for accreditation of training offers (Bachelor and Master degrees) and for the creation, and delivery of doctoral schools and Postgraduate programs

Research Projects held

Head of National project with socio economical impact entitled: Portail et outils informatiques pour l'analyse et le traitement d'images médicales. Agreed in December 2020.

Head of PRFU project entitled : Internet des objets et plateformes de données/services à large échelles - Une perspective d'apprentissage automatique. In progress.

Head of CNEPRU Project entitled: *Medical Datawarehouse constitution*. Research Project Number: N° B*006201140066. (Approved on 01/01/2015). Completed.

Head of PNR project in Communication and Information Technology and Technology entitled: Automatic Extraction and Analysis of Evidence Data in Cybercrime Investigations. Completed.

Head of PNR project in Communication and Information Technology and Technology entitled: Robust, ASE service oriented, infrastructure. Completed.

Head of CNEPRU project entitled: Securisation of wired and wireless of the university Bejaia Network. Completed.

Head of CNEPRU project entitled: An investigation into the combinatorial optimization problems for resource allocation management. Completed.

Member of CNEPRU project B*0601/03/02 entitled: Descriptive sampling method generator and discrete event simulator with Monte Carlo: application to Oil and Gas. Completed.

PhD Supervision

- Access control specification and QoS-aware composition for web services. Gadouche Hania, defended on 12/03/2020 at University of Bejaia, Algeria.

- Localisation et routage dans les réseaux de capteurs sans fil. ABBACHE Bourenane, defended on 13/09/2019 at University of Bejaia, Algeria.

- Attaque du trou noir dans les réseaux mobiles ad-hoc. HAMAMOUCHE Assia, defended on 14/03/2019 at University of Bejaia, Algeria.

-Aspects graphes et algorithmiques pour les services web. KACIMI Farid defended on 13/03/2019 at University of Bejaia, Algeria.

- Contributions au déploiement sécurisé de processus métiers dans le Cloud. AHMED NACER Amina, defended on 26th February 2019, Bejaia University. This thesis is co supervised by Pr Claude GOGART from University Lorraine, France.

- Extraction d'Information à base d'ontologies pour la construction de profils utilisateurs. IGGUI Taous defended on 2018 at University of Bejaia, Algeria.

- Architecture extensible et autonome pour une couche de transport évolutive. Application aux communications aéronautiques par satellite. OULMAHDI Mohamed, defended on 24th November 2017

in INSA of Toulouse, France. This thesis is co supervised with Pr Christophe CHASSOT from INSA of Toulouse.

- Utilization and maintenance of materialized views in distributed. SEBAA Abderazak, defended on 13/01/2018, University of Bejaia, Algeria.

- Parallel thinning algorithms for binary 2D images. BENBOUDAOU Lynda, defended on 24/02/2018, University of Bejaia, Algeria.

- Bio inspired metaheuristics for selection of web service composition based on QoS. CHIBANI Samia, defended on 17/03/2018, University of Bejaia, Algeria.

- Key management strategies in Wireless Sensor Networks. AISSANI Sofiane, defended on 03/05/2018, University of Bejaia, Algeria.

- Duty cycle and QoS Wireless Sensor Networks. BOUADEM Nassima, defended on 23/06/2018, University of Bejaia, Algeria.

- Evaluation of usability of web applications using classical metrics and affective analysis. HARRATI Nouzha, defended on 02/07/2018, University of Bejaia, Algeria.

- L'autogestion et la sécurité dans les systèmes distribués dynamiques. LAOUID Abdelkader, defended on 02/11/2017 at University of Bejaia, Algeria.

- Investigations systématique du mécanisme conceptuel de l'usage du web dans le cerveau. NAILI Mohamed defended on 20/05/2017 at University of Bejaia, Algeria.

- Access and Information control on SCADA systems based on web services. KEDJAR Saadia, defended on 09/03/2017, University of Bejaia, Algeria.

- Etude de génération d'échantillon multidimensionnel par le Data Mining. HOUARI Rima, defended on 07/03/2017 at University of Bejaia, Algeria.

- Application of distributed Data Mining Technics for e-mails in cybercriminality SALHI Dhai Eddine, defended on 04/07/2016, University of Bejaia, Algeria.

- Formalisation et validation de composition de services: Contribution toward correct and valid formal models. FARAH Zoubeyr, defended on 05/12/2015, University of Bejaia, Algeria.

Conferences organized

I was involved in the following conferences as Chair, Co-Chair, PC member or Organizing Committee in various international Conferences:

- 7th. International Symposium on "Knowledge Organization in the perspective of Digital Humanities"
- 5th International Symposium on Knowledge Organization in the perspective of Digital Humanities (ISKO-Maghreb'2018), 25-26th November 2018, Bejaia, Algeria.
- Workshop en Deep Learning 27-28th November 2018 6-7th November 2018, Bejaia, Algeria.

- Colloque sur l'Optimisation et les Systèmes d'Information, COSI'2018, 22-24 October, Oran, Algeria.
- Third International Symposium on Informatics and its Applications, ISIA2018 MSILA, Algeria.
- 6th International Symposium on Knowledge Organization in the perspective of Digital Humanities (ISKO-Maghreb), May 11th. - 12th. , 2017 in Al-Hoceima (Morocco).
- 7th. International Conference on Information Systems and Economic Intelligence, SIIE201, 11, 12 et 13 Mai 2017, Al-Hoceima (Morocco).
- 5th. International Symposium ISKO-Maghreb on 'Knowledge Organization in the perspective of Digital Humanities: Reasearches and Applications' 2015, November 13th. - 14th. , 2015 in Hammamet (Tunisia).
- 3rd IEEE International Workshop on Advanced Information Systems for Enterprises. IWAISE 2014, 10-12 November 2014, Tunis, Tunisia.
- International IEEE Conference on Advanced Networking, Distributed Systems and Applications. INDS 2014, June 17th-19th, Bejaia, Algeria.
- International Workshop on Communicating Objects and Machine to Machine for Mission-Critical Applications 2014. COMMCA 2014.
- 4th. International Symposium on Concepts and Tools for Knowledge Management (KM). isko Maghreb 2014., November 9th - November 10th, 2014. CERIST, Algiers, Algeria.
- Second International Workshop on Ontologies meet Advanced Information Systems. OAIS 2013.
- 2nd IEEE International Workshop on Advanced Information Systems for Enterprises. IWAISE 2012, November 10th-12th 2012, Constantine, Algeria.
- Colloque sur l'Optimisation et les Systèmes d'Information. COSI 2012, May 12th-15th 2012, Tlemcen, Algeria.
- 4th International Conference on Web and Information Technologies, ICWIT 2012.
- Rencontres sur la Recherche en Informatique, R2I 2011, June 12th-14th 2011, Tizi-Ouzou, Algérie. Conférence maghrébine sur l'Extraction et la Gestion des Connaissances, EGC-M 2011.
- Colloque sur l'Optimisation et les Systèmes d'Information, COSI'2011, April 24th -28th , Guelma, Algeria.
- Colloque sur l'Optimisation et les Systèmes d'Information, COSI'2010, April 18th -20th, Ouargla, Algeria.

Publications

Journals

- A. Khiat, A. Tari and T. Guérout (2020). MFHS: A modular scheduling Framework for heterogeneous system. Journal of Software: Practice and Experience, 1-35. <https://doi.org/10.1002/spe.2827>.

- A. Khiat, A. Tari. InterRC: An Inter-Resources Collaboration Heuristic for Scheduling Independent Tasks on Heterogeneous Distributed Environments. In : MENDEL. 2019. p. 179-188.
- H. Gadouche, Z. Farah, A. Tari. A valid and correct-by-construction formal specification of RBAC. International Journal of Information Security and Privacy (IJISP) 14 (2) , 41-61, 2020.
- M. E Khanouche, H. Gadouche, Z. Farah, A. Tari. Flexible QoS-aware services composition for Service Computing environments. Computer Networks, 166, 2019.
- A. Khiat and A. Tari. InterRC: An Inter-Resources Collaboration Heuristic for Scheduling Independent Tasks on Heterogeneous Distributed Environments. MENDEL. 2019. p. 179-188.
- H. Gadouche, Z. Farah, A. Tari. A correct-by-construction model for attribute-based access control. Cluster Computing, 2019.
- A. Dabba, A. Tari and D. Zaouche. Multiobjective artificial fish swarm algorithm for multiple sequence alignment. Information Systems and Operational Research. Published online 02 Juillet 2019. DOI:10.1080/03155986.2019.1629782.
- A. Sebaa, A. Nouicer and A. Tari. Impact of technology evolution on the materialized views: current issues and future trends. International Journal of Business Information Systems 30 (4), 427-462 (2019).
- S. Sadouki and A. Tari. Multi-objective and discrete Elephants Herding Optimization algorithm for QoS aware web service composition. RAIRO-Operations Research 53 (2), 445-459 (2019).
- A. Sebaa and A. Tari. Materialized view maintenance: issues, classification, and open challenges. International Journal of Cooperative Information Systems 28 (01) (2019),
- B. Abbache, S. Aissani, M. Omar, F. Ouada, N. Yessad, M. Azni and A. Tari. Dissimulation-based and load-balance-aware routing protocol for request and event oriented mobile wireless sensor networks. AEU-International Journal of Electronics and Communications 99, 264-283 (2019).
- S. Ikken, E. Renault, A. Tari and M. T. Kechadi. Exact and Heuristic data workflow placement algorithms for Big Data computing in Cloud Datacenters. Scalable computing: Practice and Experience, volume 19, Number 3, pp. 223-244. DOI 110.12694/scpe.v19i3.1365. (2018).
- M. Bendeche, A. Tari and M.T Kechadi. Parallel and distributed clustering framework for big spacial data mining. Internal journal of parallel, emergent and distributed systems: DOI: 10.1080/17445760.2018.1446210 (2018).
- M. Naili, M. Naili and A.Tari. Uncertainty in the Pert's Critical Path. MATTER: International Journal of Science and Technology, 4(1), Volume 4 Issue 1, pp. (2018).
- N. Yessad, M. Omar, A. Tari, A. Bouabdallah. QoS-based routing in Wireless Body Area Networks: a survey and taxonomy. Computing 100(3): 245-275 (2018).
- A. Sebaa, F. Chikh, A. Nouicer, A. Tari. Medical Big Data Warehouse: Architecture and System Design, a Case Study: Improving Healthcare Resources Distribution. J. Medical Systems 42(4): 59:1-59:16 (2018).

- N. Yessad, M. Omar, A. Tari, and A. Bouabdallah. Qos-based routing in wireless body area networks: a survey and taxonomy. *Computing*, vol. 100, no. 3, pp. 245-275, (2018).
- A. Laouid, A. Dahmani, H. R. Hassen, A. Bounceur, R. Euler, F. Lalem, and A. Tari. A self-managing volatile key scheme for wireless sensor networks," *Journal of Ambient Intelligence and Humanized Computing*, pp. 1-16, 2018.
- S. Aissani, M. Omar, A. Tari, and F. Bouakkaz. μ kms: micro key management system for wsns. *IET Wireless Sensor Systems*, vol. 8, no. 2, pp. 87-97, 2018.
- A. Ahmed Nacer, E. Goettelmann, S. Youcef, A. Tari and C. Godart. A design-time semi-automatic approach for obfuscating a business process model in a trusted multi- cloud deployment: A design-time approach for bp obfuscation. *International Journal of Web Services Research (IJWSR)*, vol. 15, no. 4, pp. 61-81, 2018.
- L. Benboudaoud, B. Solaiman and A. Tari. Implementation and comparison of binary thinning algorithms on GPU" *Computing*, pp. 1-27, 2018.
- K. Ouazine, H. Slimani, and A. Tari. Alliances in graphs: Parameters, properties and applications: survey application *AKCE International Journal of Graphs and Combinatorics*, 2017.
- L. Benboudaoud, B. Solaiman, and A. Tari. A modified thinning algorithm by a hybrid approach," *The Visual Computer*, pp. 1-18, 2017.
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- A. Laouid, A. Dahmani, A. Bounceur, R. Euler, F. Lalem, and A. Tari. A distributed multi-path routing algorithm to balance energy consumption in Wireless Sensor Networks. *Ad-Hoc Networks*, vol. 64, pp. 53-64, 2017.
- A. Sebaa, F. Chick, A. Nouicer and A. Tari. Research in big data warehousing using Hadoop," *Journal of Information Systems Engineering & Management*, vol. 2, no. 2, p. 10, 2017.
- A. Sebaa, A. Nouicer, A. Tari, R. Tarik and O. Abdellah. Decision support system for health care resources allocation," *Electronic physician*, vol. 9, no. 6, p. 4661, 2017.
- S. Chibani and A. Tari. Elephant herding optimization for service selection in QoS aware web service composition. *World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering*, vol. 11, no. 10, pp. 1091-1095, 2017.
- N. Bouadem, R. Kacimi and A. Tari. Impact of Duty-Cycling: Towards Mostly-Off Sensor Networks. *International Journal of Business Data Communications and Networking*, Volume 12, Issue 1, pp 16-34, 2016
- R. Houari, A. Bounceur, M.-T. Kechadi, A. Tari and R. Euler. Dimensionality Reduction in Data Mining: A Copula Approach. *Expert Systems with Applications*, 2016.

- S. Kedjar, A. Tari and P. Bertock. Access control and Information flow control for web services security. *International Journal of Information Technology and Web Engineering*, Volume 11, issue 1, 2016.
- M. Omar, H. Boufaghes, L. Mammeri, A. Taalba, and A. Tari. Secure and reliable certificate chains recovery protocol for mobile Ad-hoc Networks. *Journal of Network and Computer Applications*, vol. 62, pp. 153-162, 2016.
- F. Bouakkaz, M. Omar, S. Laib, L. Guermouz, A. Tari, and A. Bouabdallah. Lightweight sharing scheme for data integrity protection in WSNs. *Wireless Personal Communications*, vol. 89, no. 1, pp. 211-226, 2016.
- F.-S. Ouada, M. Omar, A. Bouabdallah and A. Tari. Lightweight identity-based authentication protocol for wireless sensor networks. *International Journal of Information and Computer Security*, vol. 8, no. 2, pp. 121-138, 2016.
- N. Harrati, I. Bouchrika, A. Tari, A. Ladjailia. Exploring user satisfaction for e-learning systems via usage-based metrics and system usability scale analysis. *Computers in Human Behavior*. Volume 61, Pages 463-471, Elsevier, 2016.
- B. Brahimi, M. Touahria, and A. Tari, "Data and text mining techniques for classifying arabic tweet polarity.," *Journal of Digital Information Management*, vol. 14, no. 1, 2016
- D. E. Salhi, A. Tari and M-T. Kechadi. Clustering of optimized data for email forensics. *RAIRO Operations Research*, DOI: 10.1051/ro/2015057, 2015.
- D. E. Salhi, A. Tari and M. T. KECHADI. Emails classification for forensics analysis by information gain technique. *Computer Science Application*, volume 2, n°6, 2015.
- M. Omar, S. Hedjaz, S. Rebouh, K. Aouchar, B. Abbache, and A. Tari. On-demand source routing with reduced packets protocol in mobile ad-hoc networks," *AEU-International Journal of Electronics and Communications*, vol. 69, no. 10, pp. 1429-1436, 2015.
- M. Naili, A. Boubetra, A. Tari, Y. Bouguezza and A. Achroufene. Brain-inspired method for solving fuzzy multi-criteria decision making problems (bifmcdm). *Expert Systems with Applications*, vol. 42, no. 4, pp. 2173-2183, 2015.
- Y. Sklab, H. Nacer, and A. Tari. User's profile representation for distributed systems. *American Academic & Scholarly Research Journal*, vol. 6, no. 4, p.103, 2014.
- M-T. Kechadi, J. H. Bellec and A. Tari. Behavioral Proximity Discovery: an adaptive approach for root cause analysis. *International Journal of Business Intelligence and Data Mining*, Vol. 6, n°3 pp. 259 - 282, 2011.
- Z. Farah, A. Tari and A. Ouksel. Backward Validation of Communicating Complex State Machines in Web Services Environment. *Distributed and Parallel Databases* n° 27, p. 255-270, 2010.
- J. H. Bellec, M.T Kechadi and Abdelkamel Tari. Adaptive methodology for fault recognition in 3 G Telecommunication Networks, 2010.

- A. Tari, I. Eldjadaoui and A. Dahmani. A Dual-Layered Model for Web Services Representation and Composition. *Journal of Intelligent Information System (JIIS)* n°32, pp. 237-265, 2009.
- Z. Tari, M. Malhotra, A. Tari and M. Mc Kinlay. Toward the right communication protocol for web services. *International Journal of Web Service Research* n°2(2), p. 19-42, 2005.

International Conferences

- H. Gadouche, Z. Farah, A. Tari. A correct-by-construction model for attribute-based access control. 8th International Conference on Model and Data Engineering, Marakech, Morocco, October 24-26, 2018.
- H. Gadouche, Z. Farah, A. Tari. A correct-by-design Role-Based Access Control model for Healthcare Information Systms. 5th International Conference on Automation, Control Engineering and Computer Science. Hammamet, Tunisia, December 19-22, 2018.
- H. Aissaoui, M. ARIOUAT, A. Bounceur, R. Euler, A. Laouid, F. Lalem and A. Tari. A lightweight only receiver clock synchronization technique for wireless sensor networks. In proceedings of the 2nd International Conference on Future Networks and Distributed Systems, ACM, 2018
- M. Bezoui, A. Bounceur, L. Lagadec, R. Euler, M. Hammoudeh, A. Laouid, and A. Tari. Detecting gaps and voids in wsns and iot networks: the angle-based method. In Proceedings of the 2nd International Conference on Future Networks and Distributed Systems, p. 36, ACM, 2018.
- A. Laouid, M. AlShaikh, F. Lalem, A. Bounceur, R. Euler, M. Bezoui, H. Aissaoua, and A. Tari. A distributed security protocol designed for the context of internet of things. In Proceedings of the 2nd International Conference on Future Networks and Distributed Systems, p. 26, ACM, 2018.
- N. Bouadem, R. Kacimi, and A. Tari. B-d²wsp selection algorithm: A load balancing convergecast for wsns. In *Wireless Days (WD)*, 2018, pp. 101-103, IEEE, 2018
- A. Sebaa, A. Nouicer, F. Chikh, and A. Tari. Big data technologies to improve medical data warehousing. In Proceedings of the 2nd international Conference on Big Data, Cloud and Applications, p. 21, ACM, 2017.
- M. Oulmahdi, N. Van Wambeke, C. Chassot, and A. Tari. On the feasibility of implementing tcp using a modular architecture. In *Advanced Information Networking and Applications (AINA)*, 2017 IEEE 31st International Conference on, pp. 17-22, IEEE, 2017.
- M. Gagaoua, H. Ghilas, A. Tari and M. Cheriet. Distribution, directional, structural and concavity features for historical arabic handwritten recognition: a comparative study. In Proceedings of the International Conference on Computing for Engineering and Sciences, pp. 70-75, ACM, 2017.

- A. Ahmed Nacer, C. Godart, S. Youcef, and A. Tari. A metric for evaluating the privacy level of a business process logic in a multi-cloud deployment. In IEEE 21st International Enterprise Distributed Object Computing Conference (EDOC), 2017.
- S. Ikken, E. Renault, A. Barkat, A. Tari, and M.T Kechadi. Cost-efficient big intermediate data placement in a collaborative cloud storage environment. In High Performance Computing and Communications; IEEE 15th International Conference on Smart City; IEEE 3rd International Conference on Data Science and Systems (HPCC/SmartCity/DSS), 2017
- S. Sadouki Chibani, A. Tari and F. Boudries. Hybridation of PSO and SFLA for QoS aware web services composition. In proceedings of 7th META'2016, Marrakech, Morocco, 2016.
- A. Laouid, M.-L. Messai, A. Bounceur, R. Euler, A. Dahmani, and A. Tari. A dynamic and distributed key management scheme for wireless sensor networks. In Proceedings of the International Conference on Internet of things and Cloud Computing, p. 70, ACM, 2016.
- R. Houari, A. Bounceur, T. Kechadi, A. Tari, R. Euler. Missing data analysis using multiple imputation in relation to Parkinson's disease. In Proceedings of the International Conference on Big Data and Advanced Wireless Technologies, p. 32, ACM, 2016.
- S. Ikken, E. Renault, A. Barkat, M. T. Kechadi, and A. Tari. Efficient intermediate data placement in federated cloud data centers storage. in International Conference on Mobile, Secure and Programmable Networking, pp. 1-15, Springer, Cham, 2016.
- B. Abbache, N. Roumila, S. Rezzoug, M. Omar, and A. Tari. Collaborative localization algorithm based on constraint programming,. In Proceedings of the International Conference on Big Data and Advanced Wireless Technologies, p. 19, ACM, 2016.
- F. Kacimi and A. Tari. Vectorial signature for matching business process graphs. In Advanced Networking Distributed Systems and Applications (INDS), pp. 93-98, IEEE, 2014.
- M. Naili, A. Boubetra, and A. Tari. Mobile commerce websites ranking. in Next Generation Mobile Apps, Services and Technologies (NGMAST), 2014 Eighth International Conference on, pp. 43-47, IEEE, 2014.
- L. B. Boudaoud, A. Sider and A. Tari. A new thinning algorithm for binary images. In Control, Engineering & Information Technology (CEIT), 2015 3rd International Conference on, pp. 1-6, IEEE, 2015.
- S. Benmerbi, K. Amroun, and A. Tari. Novel method for dynamic web service selection and composition using hypergraph decomposition. In Proceedings of the International

Conference on Intelligent Information Processing, Security and Advanced Communication p. 44, ACM, 2015.

- A. Ahmed Nacer, E. Gottelmann, S. Youcef, A. Tari, and C. Godart. Business process design by reusing business process fragments from the cloud. In 8th IEEE International Conference on Service Oriented Computing & Applications, 2015.
- F. Bouakkaz, M. Omar, A. Bounceur, and A. Tari. Secure and efficient sharing aggregation scheme for data protection in wsns. In Signal Processing and Information Technology (ISSPIT), 2015 IEEE International Symposium on, pp. 432-437, IEEE, 2015.
- S. Ikken, R. Euler, M. T. Kechadi, and A. Tari. Toward scheduling i/o request of mapreduce tasks based on markov model. In International Conference on Mobile, Secure and Programmable Networking, pp. 78-89, Springer, Cham, 2015.
- H. Hamadi, A. Khireddine, and A. Tari. Cloud access secure with identity based cryptography," in International Conference on Mobile, Secure and Programmable Networking, pp. 109-118, Springer, Cham, 2015.
- M. Naili, A. Boubetra, and A. Tari. How to select web services intelligently on the basis of a brain inspired method for solving fuzzy multi-criteria decision making problems," in SAI Intelligent Systems Conference (IntelliSys), 2015, pp. 141-149, IEEE, 2015.
- A. Kouicem, A. Chibani, A. Tari, Y. Amirat, and Z. Tari. Dynamic services selection approach for the composition of complex services in the web of objects. In Internet of Things (WF-IoT), 2014 IEEE World Forum on, pp. 298-303, IEEE, 2014.
- R. Houari, A. Bounceur, A. K. Tari, and M. T. Kechadi. Handling missing data problems with sampling methods. In 2014 International Conference on Advanced Networking Distributed Systems and Applications (INDS), pp. 99-104, IEEE, 2014.
- S. Kedjar, A. Tari. A hybrid model for web services security Access control and information flow control, The 8th International Conference for Internet Technology and Secured Transactions (ICITST-2013), December 9-12, 2013, London, UK
- R. Houari, A. Bounceur, M-T. Kechadi, A. Tari and E. Reinhardt. A New Method for Estimation of Missing Data Based on Sampling Methods for Data Mining. Third International Conference on Computational Science, Engineering and Information Technology (CCSEIT2013), 7-09, 2013 , Konya, Turkey.
- Z. Younsi, M. Quafafou, R. Ouzegane and A. Tari. WebOMSIE: An Ontology-based MultiSource web Information Extraction. International workshop on ontologies meet Advanced Information Systems (OAIS'2012), 17th September 2012, Poznan, Polonia.

- K. Ghidouche, M-T. Kechadi and A. Tari. Study and analysis of temporal data using hidden Markov models. 2011 IEEE International Conference on Spatial Data Mining and Geographical Knowledge Services (ICSDM), Fuzhou, China, June 29-July, 2011.
- S. Ghanem, M-T. Kechadi and A. Tari. New approach for distributed clustering. 2011 IEEE International Conference on Spatial Data Mining and Geographical Knowledge Services (ICSDM), Fuzhou, China, June 29-July, 2011.
- H. Khaled, M-T. Kechadi and A. Tari. Ontology for knowledge management and improvement of data mining result. 2011 IEEE International Conference on Spatial Data Mining and Geographical Knowledge Services (ICSDM), Fuzhou, China, June 29-July, 2011.
- P. Bertock, A. Tari and S. Kedjar. Information Flow Control for cooperation support in virtual enterprises. International Federation for Information Processing (IFIP2009), L.M. Camarinha Matos et al. (Eds): Pro-VE 2009, pp. 581-590, 2009.
- F. Zoubeyr, A. Tari, and Z. Tari, "Une technique de validation de protocoles basée sur une exploration avec retour arrière des automates complexes.," in CIIA, 2009.
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