

Filière d'Informatique

1- Publications :

a- Publications Internationales

Auteurs	Titre	Journal
ATMANI Mouloud AÏSSANI Djamil HADJADJ-AOUL Yassine	Modelling and analysis data fragmentation in IEEE 802.15.4 slotted CSMA/CA protocol without ACK mode	International Journal of Critical Computer-Based Systems 2016 http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijccbs
TOUAZI Djoudi OMAR Mawloud BENDIB Abdelhakim BOUABDALLAH Abdelmadjid	A Trust-based Approach for Securing Data Communication in Delay Tolerant Networks	International Journal of Information and Computer Security 2016 http://www.inderscience.com/ijics/
MENASRI Samia ZEFOUNI Sabrina BOUALLOUCHEMEDJKOUNE Louiza SEMCHEDINE Fouzi	Improving the energy consumption and the packets delivery for MANETs	Journal of Information Processing Systems 2016 https://www.manuscriptlink.com/journals/jips
BOUSSOUFA-LAHLAH Souaad SEMCHEDINE Fouzi BOUALLOUCHEMEDJKOUNE Louiza Farhi Nadir	PSCAR: a proactive-optimal-path selection with coordinator agents assisted routing for vehicular ad hoc networks	International Journal of Critical Computer-Based Systems 2016 http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijccbs
Yazid Mohand Aïssani Djamil Bouallouche-Medjkoune Louiza	Modelling and performance analysis of video and voice streams in the IEEE 802.11e-EDCA WLANs with TXOP bursting under fading channel.	International Journal of Critical Computer-Based Systems 2016 http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijccbs
Tiab Amel Bouallouche-Medjkoune Louiza Boulfekhar Samra	A new QoS aware and energy efficient opportunistic routing protocol for wireless sensor networks.	International Journal of Parallel, Emergent and Distributed Systems 2016 http://dx.doi.org/10.1080/17445760.2016.1226306
Rebouh Nadjette Ifeticene Rachid Aidoun Najim Bouallouche-Medjkoune Louiza	Failure detector-Ring Paxos-based atomic broadcast algorithm	International Journal of Critical Computer-Based Systems 2016 http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijccbs

Bounouni Mahdi Bouallouche-Medjkoune Louiza	A Hybrid Stimulation Approach for Coping Against the Malevolence and Selfishness in Mobile Ad hoc Network	Wireless Personal Communications 2016 http://dl.acm.org/citation.cfm?id=2931984
SELLAMI Lynda IDOUGHI Djilali BADAACHE Abderrahmane TIAKO P. F.	A Novel Detection Intrusion Approach for Ubiquitous and Pervasive Environments	Procedia Computer Science Volume 94, 2016, Pages 429–434 2016 http://www.sciencedirect.com/science/article/pii/S1877050916318166
Guebli Sofia Ourbih-Tari Megdouda	Applying refined descriptive sampling on the vibrating string model	Proceedings of the ESM 2016 . European Simulation and Modelling Conference (ESM'2016). 2016
KHALFI Linda Ourbih-Tari Megdouda	Comparing Refined Descriptive Sampling with Quasi Monte Carlo methods	Management Review: An International Journal 216
Idjis Khelidja Ourbih-Tari Megdouda Baghdali-Ourbih Latifa	Variance reduction in M/M/1 retrial queues using refined descriptive sampling	Communications in Statistics: Simulation and Computation. Taylor and Francis. 2016
CHERBAL Sarra BOUKERRAM Abdallah BOUBETRA Abdelhak	A survey of DHT solutions in fixed and mobile Networks	Int J. Communication Networks and Distributed Systems Vol 17, N° 1 2016 www.inderscienceonline.com/doi/abs/10.1504/IJCNDS.2016.077938
R. Beghdad A. Lamraoui	Boundary and Holes recognition in wireless sensor networks	Journal of Innovation in Digital and Ecosystems, JIDES, Elsevier, Vol. 3, Issue 1, pp. 1-14, 2016.
Oulhaci Tiziri Omar Mawloud Harzine Fatiha Harfi Ines	Secure and distributed certification system architecture for safety message authentication in VANET	Telecommunication Systems 2016 http://www.springer.com/journal/11235

Ouada Farah-Sarah Omar Mawloud Bouabdallah Abdelmadjid Tari Abdelkamel	Lightweight identity-based authentication protocol for wireless sensor networks	International Journal of Information and Computer Security 2016 http://www.inderscience.com/jhome.php?jcode=ijics
Bouakkaz Ferial Omar Mawloud Laib Souad Guermouz Lyliya Tari Abdelkamel Bouabdallah Abdelmadjid	Lightweight sharing scheme for data integrity protection in WSNs	Wireless Personal Communications 2016 http://www.springer.com/engineering/signals/journal/11277
Omar Mawloud Boufaghes Hamida Mammeri Lydia Taalba Amel Tari Abdelkamel	Secure and reliable certificate chains recovery protocol for mobile ad-hoc networks	Journal of Network and Computer Applications 2016 http://www.journals.elsevier.com/journal-of-network-and-computer-applications
Omar Mawloud Yahiaoui Souraya Bouabdallah Abdelmadjid	Reliable and energy aware query-driven routing protocol for wireless sensor networks	Annals of Telecommunications 2016 https://annalsoftelecommunications.wp.mines-telecom
Farah Zoubeyr Ait-Ameur Yamine Ouederni Meriem Tari Abdelkamel	A correct-by-construction model for asynchronously communicating systems	International Journal on Software Tools for Technology Transfer 2016 http://www.springer.com/computer/swe/journal/10009
Khanouche Mohamed-Essaid Amirat Abdelghani Kerkar Moussa Yachir Ali	Energy-Centered and QoS-Aware Services Selection for Internet of Things	IEEE Transactions on Automation Science and Engineering 2016 http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=8856
Houari Rima Bounceur Ahcène Kechadi M.-Tahar Tari Abdelkamel Euler Reinhardt	Dimensionality Reduction in Data Mining: A Copula Approach.	Expert Systems with Applications 12/2016 http://www.sciencedirect.com/science/article/pii/S0957417416303888

Brahimi B Touahria M Tari Abdelkamel	Data and Text Mining Techniques for Classifying Arabic Tweet Polarity.	Journal of Digital Information Management, 14(1), 2016 http://dline.info/fpaper/jdim/v14i1/v14i1_3.pdf
KEDJAR Saadia TARI Abdelkamel BERTOK Peter	Access control and Information flow control for web services security	2016 International Journal of Information Technology and Web Engineering, Volume 11, issue 1, http://www.igi-global.com/article/access-control-and-information-flow-control-for-web-services-security/150001
Harrati N Bouchrika I Tari Abdelkamel Ladjailia A.	Exploring user satisfaction for e-learning systems via usage-based metrics and system usability scale analysis.	Computers in Human Behavior, 61, 463-471 2016. http://www.sciencedirect.com/science/article/pii/S0747563216302229
Yazid Mohand Aïssani Djamil Bouallouche -Medjkoune Louiza Amrouche Nassim Bakli Kamel	Modeling and Enhancement of the IEEE 802.11 RTS/CTS Scheme in an Error-Prone Channel	FAOC (Formal Aspects of Computing) http://link.springer.com/article/10.1007/s00165-014-0300-4
Yessad Samira Bouallouche -Medjkoune Louiza Aïssani Djamil	A Cross-Layer Routing Protocol for Balancing Energy Consumption in Wireless Sensor Networks	Wireless Personal Communications http://download.springer.com/static/pdf/321/art%253A10.1007%252Fs11277-014-2185-1.pdf?auth66=1421917551_64535c0eeb5d2737d834c30090d7bf35&ext=.pdf

Samra Boulfkhar, Assia Arab, Djamil Aissani Megdouda Ourbih	MAC Protocol Design Based on Satellites Presence for Low-Energy Wireless Sensor Networks	Wireless Personal Communications. DOI 10.1007/s11277-015- 2989-7. Springer. Published online 1st August 2015. IF 0.653. http://link.springer.com/ article/10.1007/s11277-015- 2989- 7?email.event.1.SEM.Arti cleAuthorContributingOn lineFirst
Ourbih-Baghdali, L. Ourbih-Tari, M. Dahmani, A	Implementing Refined Descriptive Sampling into Three Phase Discrete- Event Simulation Models	Communications in Statistics - Simulation and Computation. 2015
Abdelouhab Aloui, Arezki Zioui, Megdouda Ourbih-Tari Amine Alioui	A general purpose module using refined descriptive sampling for installation in simulation systems	Computational Statistics. Vol 30, Issue 2, pp 477- 490. Springer 2015. DOI 10.1007/s00180-014- 0545-7. IF=0.345. http://link.springer.com/ article/10.1007%2Fs00180- 014-0545-7
SAYAD Lamri AÏSSANI Djamil BOUALLOUCHE- MEDJKOUNE Louiza	On-Demand Routing Protocol with Tabu Search Based Local Route Repair in Mobile Ad Hoc Networks	Wireless Personal Communications
BOULAICHE Mehdi BOUALLOUCHE- MEDJKOUNE Louiza	Energy-aware and delivery Guarantee Geographic Routing protocol	Wireless Networks
YESSAD Samira BOUALLOUCHE- MEDJKOUNE Louiza AÏSSANI Djamil	A Cross-Layer Routing Protocol for Balancing Energy Consumption in Wireless Sensor Networks	Wireless Personal Communications
SEMCHEDINE Fouzi BOUALLOUCHE- MEDJKOUNE Louiza	Load balancing mechanism for data- centric routing in wireless sensor networks	International Journal Computers & Electrical Engineering
Semchedine Fouzi Bouallouche-Medjkoune Louiza AISSANI Djamil	Improving Performance for Task Assignment in Distributed Server Systems by Partitioning Large Tasks	IJCM (International Journal of Computer Mathematics), 2014
Nacer Hassina AISSANI Djamil	Web Services: Standards, Applications, Challenges and Solutions	Journal of Network and Computer Applications, 2014

Atmani Mouloud Hadjadj- Aoul Yassine AÏSSANI Djamil	Energy-Aware Link Scheduling Protocol for Wireless Sensor Network	Wireless Personal Communications, Springer Ed., June 2014
Bachiri Lina AISSANI Djamil Bouallouche-Medjkoune Louiza	Saturation Throughput Analysis of the IEEE 802.11e EDCA Network with Contention Free Burst under Fading Channel	Wireless Personal Communications, 2014
YAZID Mohand KSENTINI Adlen BOUALLOUCHE- MEDJKOUNE Louiza AISSANI Djamil	Performance Analysis of the TXOP Sharing Mechanisme in the VHT IEEE 802.11ac WLANS.	IEEE Communications Letters, 2014
YAZID Mohand SAHKI Nassim BOUALLOUCHE- MEDJKOUNE Louiza AISSANI Djamil	Modeling and Performance Study of the Packet Fragmentation in an IEEE 802.11e-EDCA Network over Fading Channel	International Journal Multimedia Tools and Applications, 2014
YAZID Mohand BOUALLOUCHE- MEDJKOUNE Louiza AISSANI Djamil ZIANE-KHODJA Lilia	Analytical analysis of applying packet fragmentation mechanism on IEEE 802.11b DCF network in non ideal channel with infinite load conditions	International Journal Wireless Networks, 2014
YAZID Mohand BOUALLOUCHE- MEDJKOUNE Louiza AISSANI Djamil AMROUCHE Nassim BAKLI Kamel	Analytical analysis of applying packet fragmentation mechanism on both Basic and RTS/CTS Access Methods on the IEEE 802.11b DCF Network under Imperfect Channel and Finit Load conditions	International Journal Wireless Personal Communications, 2014
YAZID Mohand BOUALLOUCHE- MEDJKOUNE Louiza AISSANI Djamil AMROUCHE Nassim BAKLI Kamel	Modeling and Enhancement of the IEEE 802.11 RTS/CTS Scheme in an Error-Prone Channel	International Journal Formal Aspects of Computing, 2014
BACHIRI Lina BOUALLOUCHE- MEDJKOUNE Louiza AISSANI Djamil	Saturation Throughput Analysis of the IEEE 802.11e EDCA Network with Contention Free Burst under Fading Channel	International Journal Wireless Personal Communications, 2014
SEMCHEDINE Fouzi BOUALLOUCHE- MEDJKOUNE Louiza AISSANI Djamil	Load Balancing Mechanism for Data- Centric Routing in Wireless Sensor Networks	International Journal Computer and Electrical Engineering, 2014
SEMCHEDINE Fouzi BOUALLOUCHE- MEDJKOUNE Louiza AISSANI Djamil	Improving Performance for Task Assignment in Distributed Server Systems by Partitioning Large Tasks	International Journal of Computer Mathematics, 2014

TIAB Amel BOUALLOUCHE- MEDJKOUNE Louiza	Routing in Industrial Wireless Sensor Networks: A Survey	Hindawi Publishing Corporation, 2014
Adel-Aissanou Karima Aissani Djamil Djellab Nathalia Mikou Noufissa	A stochastic model to study the impact of the transmission frequency of hello messages on the connectivity of ad hoc networks	Telecommunication Systems, 2014
Nacer Hassina AISSANI Djamil	Semantic web services : Standards, applications, Challenges and solutions	Journal of Network and Computer Applications; 2014
AbdelouhabAloui, Arezki Zioui, Megdouda Ourbih- Tari and Amine Alioui	A general purpose module using refined descriptive sampling for installation in simulation systems	Computational Statistics. Published online by Springer on 24/12/2014. DOI: 10.1007/s00180-014-0545-7
Yazid M., Bouallouche – Medjkoune L., Aïssani D. and Ziane-Khodja L.,	<i>Analytical analysis of applying packet fragmentation mechanism on IEEE 802.11b DCF network in non ideal channel with infinite load conditions</i> ”.	International Journal Wireless Networks, Springer Ed., DOI10.1007/s11276-013-0653-2. 2013 http://link.springer.com/article/10.1007/s11276-013-0653-2
S. Ouldamura, R. Beghdad, and M. Oussalah,	“Securing Wireless Sensor Networks: A Survey”	Journal EDPACS The EDP Audit, Control, and Security Newsletter (EDPACS), Taylor and Francis , 2013. http://www.tandfonline.com/doi/abs/10.1080/07366981.2013.754207#.UjM88H8w0VA
Samra BOULFEKHAR, Mohammed BENMOHAMMED	“Synchronous receiver initiated MAC protocol for long-lived sensor networks, Computers and Electrical Engineering,	DOI: 10.1016/j.compeleceng.2013.07.011, 2013 http://www.sciencedirect.com/science/article/pii/S045790613001857 .
Samra BOULFEKHAR, Mohammed BENMOHAMMED	“A Novel Energy Efficient and Lifetime Maximization Routing Protocol in Wireless Sensor Networks“,	Wireless Personal Communications: Volume 72, Issue 2 (2013), Page 1333-1349, 2013 http://link.springer.com/article/10.1007%2Fs11277-013-1081-4#page-1 .

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Boukredera, D., Maamri, R., Aknine, S	A Timed Colored Petri-Net-based Modelling for Contract Net Protocol with Temporal Aspects	The Seventh International Multi-Conference on Computing in the Global Information Technology, ICCGI, 2012, pp. 40-45.
Adel K., Djellab N. and Aissani D	Distribution of the Maximum Waiting time of a Hello Message in Ad hoc Networks.	International Journal of Computer Applications IJCA. July 2012, Volume 47, Number 14; Doi : 10.5120/7253-0068
Amad M., Meddahi A., Aïssani D. and Zonghua Z,	HPM: a nouvel hierarchical peer-to-peer model for lookup acceleration with provision of ophysical proximity,	International Journal JNCA (Journal of Network and Computer Applications), Vol. 35, pp. 1818 – 1830, 2012, Doi.org/10.1016/j.jnca.2012.07.006 http:// dx.doi /10.1016/j.jnca.2012.07.006
Amad M., Meddahi A., Aïssani D and Vanwormhoudt G	.., GPM: A Generic and Scalable P2P Model that Optimizes Tree Depth for Multicast Communications”	International Journal IJCS (International Journal of Communication Systems), Wiley Ed. (U.S.A.), Vol. 25, Issue 4, pp. 491 - 514, 2012. DOI: 10.1002/dac.1275
Amad M., Meddahi A. and Aïssani D	Peer to Peer Networks Management Survey	International Journal IJCSI (Computer Sciences Issues), Volume 9, Issue 1, n° 3, pp. 139 – 148, January 2012.
IDOUGHI.D, SEFFAH A,KOLSKI C	Adding user experience into the service design loop: A persona-Based Method.	Behaviour & information technology http://www.informaworld.com/10.1080/0144929X.2011.563799 IF :0.835;

Semchedine F., Bouallouche – Medjkoune L., Aïssani D.	Task assignment policies in distributed server systems: a survey	. (Journal of Network and Computer Applications), Elsevier Ed., pp. 1123-1130, 2011. doi:10.1016/j.jnca.2011.01.011.
Fouzi Semchedine, Louiza Bouallouche-Medjkoune, Leila Bennacer, Naim Aber, Djamil Aïssani:	Routing Protocol based on Tabu Search for wireless sensor networks,	Wireless Personal Communications Journal, DOI: 10.1007/s11277-011-0367-7, 2011
Amad M., Meddahi A., Aïssani D. and Vanwormhoudt G.,	GPM: A Generic and Scalable P2P Model that Optimizes Tree Depth for Multicast Communications”.	International Journal IJCS (International Journal of Communication Systems), Wiley Ed., U.S.A., 2011.
Amad M., Bellal T., Amrioui H. and Aïssani D., ("Must-Work": A Scalable Model for Parallel Recursive Problems on P2P Networks. Informatica	International Journal of Computing and Informatics), Slov. Soc. Informatika Ed., 2011. ISSN: 6350 – 5596
Rachid Beghdad, Mohamed Touati, and Mohamed Seghir Berboucha	“A Data Analysis Based Approach For Detecting Intruders	Information Security Journal: A Global Perspective journal, Taylor and Francis, May 2011.
ABDELOUHAB ALOUI, OURBIH –TARI Magdoua,	The use of refined descriptive sampling and applications in parallel monte carlo simulation	Computing and Informatics. Vol 30, pp 681-700 (2011)
F.ZOUBEYR, A.TARI, Aris M.OUKSEL	Backward validation of communicating complex state matching in web services environments	Distrib parallel databases (2010) 27:255-270 DOI 10.1007/s10619-010-7061-8
A.BAADACHE, A. BELMEHDI	Avoiding black hole and cooperative black hole attacks in wireless ad hoc networks	(IJCSIS) International journal of computer science and Information Security, Vol. 7. No. 0,2010
Abderrahmane Baadache Ali Belmehdi	Avoiding Black hole and Cooperative Black hole Attacks in Wireless Ad hoc Networks	International Journal of Computer Science and Information Security, Vol. 7, No. 1, 2010

1- Communications:

a- Communications Internationales:

Nom et prénom	Intitulée de la communication	Intitulé, date et lieu de la manifestation
SELLAMI Khaled KASSA Rabah TIAKO F Pierre	A modified DE Algorithm for scheduling tasks in cloud computing environment	International Conference on Information Systems and Technologies (ICIST 2016), in during March 18 – 20, 2016. 2016, Barcelona, Spain

KASSA Rabah SELLAMI Khaled	Taking Advantage of multiple criteria decision making model for energy and performance-aware Scheduling of Scientific Workflows in a cloud computing environment	International Conference on Information Systems and Technologies (ICIST 2016), in during March 18 – 20, 2016. Barcelona, Spain
KASSA Rabah SELLAMI Khaled Tiako	Biogeography-based optimization algorithm for energy and performance-aware Task Workflow in a cloud computing "	In nternational Conference on Internet Services Technology and Information Engineering (ISTIE2016) , Bali , Indonesia.
SEMCHEDIN Fouzi MOUSSAOUI Ali ZOUAOUI Khadidja MEHAMEL Sara	CRY OLSR : Crypto Optimized Link State Routing for MANET	ICMCS'16 Maro 2016
Yazid Mohand Bouallouche- Medjkoune Louiza Aïssani Djamil	Performance Study of Frame Aggregation Mechanisms in the New Generation WiFi.	10 th International Workshop on Verification and Evaluation of Computer and Communication Systems Tunis, Tunisia 2016
Larbi Ali Aïssani Djamil Bouallouche- Medjkoune Louiza	Cache Replacement Policy for Improving Data Accessibility in Mobile Ad Hoc Networks	Proceedings of an International Symposium SIA'2016 (Informatics and its Applications) M'sila, Algeria. 2016
Boulfekhar Samra Tiab Amel Bouallouche- Medjkoune Louiza	Sink-Initiated Multipath Routing Protocol with Energy Conservation for Wireless Sensor Networks.	6 th International Conference on Information Systems and Technologies ICIST'2016 Barcelona, Spain 2016
Rebouh Nadjette	Probabilistic Solution for the Atomic Broadcast Problem.	6th International Conference on Information Systems and Technologies Barcelona, Spain 2016
Tiab Amel Bouallouche- Medjkoune Louiza	A Novel Multi-path Routing Protocol for Industrial Wireless Sensor Networks	International Conference on Electronic, Information and Computer Engineering (ICEICE 2016), Hong Kong, China 2016
Tiab Amel Bouallouche- Medjkoune Louiza	Network Coding and Energy-Efficient Multi-path Routing Protocol for Industrial Wireless Sensor Networks	3rd International Conference on Industrial Engineering and Applications (ICIEA 2016) Hong Kong, China 2016

SELLAMI LYNDA IDOUGHI DJILALI TIAKO P. F	Detection of New Attacks and Against Measure in Cloud Computing	ISTIE2016: 4 th International Conference on Internet Services Technology and Information Engineering Balli, Indonesia 4-5 Juin 2016
Mostefaoui Achour Moumen Hamouma Raynal Michel	Modular randomized byzantine k-set agreement in asynchronous message-passing systems	17th Int'l ACM Conference on Distributed Computing and Networks (ICDCN'16) Singapore 2016
Guebli Sofia Ourbih-Tari Megdouda	Applying refined descriptive sampling on the vibrating string model	European Simulation and Modelling Conference (ESM'2016) SIANI, University of Las Palmas , Las Palmas, Spain.2016 October 26-28, 2016
SABRI salima	Recognition of human activities from situation based model	ICNPAA 2016 World Congress 11 ^{ieme} Int Conf on MPEAEAS La Rochelle France 2016
A. Khelil R. Beghdad	ESA: an Efficient Self-deployment Algorithm for Coverage in Wireless Sensor Networks	The 7 th international conference on Emerging Ubiquitous and Pervasive Networks (EUSPN2016). Procedia, Computer, Science, Elsevier, 98(C), pp. 40-47, 2016
T. Azizi R. Beghdad	Increasing QoS parameters in WSNs in spiral-based clustered architecture	The 7 th international conference on Ambient On Systems, Networks And Technologies (ANT 2016) Procedia Computer Science, Elsevier, 83, pp. 401-408 2016
Abbache Bournane Roumila Nadjim Rezzoug Sofiane Omar Mawloud Tari Abdelkamel	Collaborative Localization Algorithm based on Constraint Programming	International Conference on Big Data and Advanced Wireless Technologies Bulgaria 2016
Ouada Farah-Sarah Yessad Nawel Omar Mawloud	Trust-ticket based Authentication Scheme for WSN multidomain applications	International Conference on Big Data and Advanced Wireless Technologies Bulgaria 2016
Boudrioua Asma Yahiaoui Souraya Omar Mawloud Bouabdallah Abdelmadjid	EREAT: Efficient Route Estimation based on Actuator Tracking for WSNs	International Conference on Big Data and Advanced Wireless Technologies Bulgaria 2016

Benkerrou Hayet Haddad Syphax Omar Mawloud	Credit and honesty-based trust assessment for hierarchical collaborative IoT systems	Seventh International Conference on Sciences of Electronics, Technologies of Information and Telecommunications Tunisia 2016
Yessad Nawel Ouada Farah-Sarah Omar Mawloud	A comprehensive analytical model for QoS-based routing protocols evaluation in WBANs	Second International Conference on Internet of Things, Data and Cloud Computing Elaborated and accepted in UK 2016
Ahmed Nacer A Goettelmann E Youcef S Tari Abdelkamel Godar C	Obfuscating a Business Process by Splitting Its Logic with Fake Fragments for Securing a Multi-cloud Deployment	In Services (SERVICES), 2016 IEEE World Congress on (pp. 18-25). IEEE Rome, Italie 2016, June
Sebaa Abderrazak Nouicer Amina Tari Abdekamel Ramtani Tarik Ouhab Abdellah	Decision support system for health care resources allocation.	In proceeding of the International Conference on Health Sciences and Medical Technologies Tlemcen, Algeria 27-29 September 2016
YAICI Malika AIT EL DJOUDI Athmane NASROUNE Khaled	Proposal of Exchanged data formatting for Ubiquitous systems	27th European conference on Operational Research Glasgov, UK 12-15-july 2015
Boudries Abdelmalek AMAD Mourad ALIOUAT Makhlouf	Replacement of failing node by using a two-phase method	International conference on intelligent Information Processing, Security and Advanced Communication (IPAC-2015) Batna, Algeria November 23-25,2015
AMAD Mourad AÏSSANI Djamil MEDDAHI Ahmed MADI Nouria BOUCHE Razika	A Priority Based Lookup Model for VoIP applications in Unstructured P2P Networks	International conference on intelligent Information Processing, Security and Advanced Communication (IPAC-2015) Batna, Algeria November 23-25,2015
Rebouh Nadjette Boulfekhar Samra	A Performance Evaluation of a Failure Detector in Asynchronous Systems	International Conference on Information Systems and Technologies (ICIST) Istanbul, Turkey March 21-23,2015

Semchedine Fouzi Oukachb Wahiba Zaichi Naima Bouallouche-Medjkoune Louiza	A new cross-layer protocol for routing in wireless sensor networks	International Conference on Advanced Wireless Information and Communication Technologies (AWCIT) Sousse, Tunisia, October 05-07, 2015
LAHLAH Souaad Semchedine Fouzi Bouallouche-Medjkoune Louiza	A position-based routing protocol for vehicular ad hoc networks in a city environment	The International Conference on Advanced Wireless, Information, and Communication Technologies (AWICT 2015) Sousse, Tunisie October 05-07, 2015
Semchedine Fouzi BRAHMI Belkacem ABASSI Souhila BEHLOUL Mira	Optimizing a Local Wireless Network planning for a University Residence	The international Conference on Signal, Image, Vision and their Applications (SIVA'15) Guelma, Algérie November 23-25, 2015
Lynda SELLAMI Djilali IDOUGHI	Towards an Approach Based on Genetic Algorithm, for Intrusion Detection in Ubiquitous and Pervasive Environments	Modelling, Computation and Optimization in Information Systems and Management Sciences (MCO 2015), May 11-13, 2015, Metz, France
Lynda SELLAMI Djilali IDOUGHI TIAKO P. F	Intrusion Detection System Based on Nodes in Cloud Computing Environments	PARENG2015, In Civil-Comp Press, 2015, Proceedings of the Fourth International Conference on Parallel, Distributed, Grid and Cloud Computing for Engineering, P. Iványi and B.H.V. Topping (Editors), Civil-Comp Press, Stirlingshire, Scotland Dubrovnik, Croatia, 24-27 March 2015
Ourbih-Baghdali, L. Ourbih-Tari, M. Dahmani, A	The optimal performance measure using RDS	10 th Triennial Conference of the Association of Asia-Pacific Operational Research Societies, APORS 2015. Kuching, Sarawak, malaisie.
Megdouda Ourbih-Tari Khalfi Kahina	Comparing RDS with QMC methods	10 th Triennial Conference of the Association of Asia-Pacific Operational Research Societies, APORS 2015. Kuching, Sarawak, malaisie.

Megdouda Ourbih-Tari Sofia Guebli	Application de la méthode RDS sur une corde vibrante modélisé par une équation différentielle d'ordre deux	8 ^{ième} Ecole sur les Equations Différentielles Abstraites (EDA '08). Laboratoire de Mathématiques Appliquées. Université de Bejaia. 2015.
Kendi Salima Touati Salima Bouallouche Louiza Aissani Djamil	Performance Evaluation in Computer Networks	International Conference on Recent Advances in Pure and Applied Mathematics : ICRAPAM 03 - 06 Juin 2015 Istanbul (Turquie)
Kendi Salima Touati Salima Bouallouche Louisa Aissani Djamil	Performance evaluation of a computer network.	International Federation of Operational Research Societies : IFORS 13-18 juillet Barcelone, Espagne
Larbi Ali Bouallouche Louisa Aissani Djamil	Géolocalisation distribuée à base de l'heuristique du plus proche voisin, dans les réseaux de capteurs sans fil	International Society for Knowledge Organization, ISKO 2014 9-10 Octobre 2014 CERIST, Alger, Algérie
Kahlessenane Fares Bouallouche Louisa Aissani Djamil	Cross-layer energy-aware protocol for wireless sensor networks	International Workshop on Verification and Evaluation of Computer and Communication Systems VECoS'2014 29-30 septembre Bejaia, Algérie
YESSAD Samira BOUALLOUCH E Louisa AISSANI Djamil	Comparison of Routing Protocols in Wireless Sensor Networks	In the proceedings 8th International Workshop on Verification and Evaluation of Computer and Communication Systems (VECoS) 29-30 septembre 2014 Bejaia
BACHIRI Lina BOUALLOUCH E Louisa AISSANI Djamil	Delay analysis of IEEE 802.11e EDCA network under fading channel	First International Symposium of Informatics and its Applications 2014 M'sila
SOUILAH Hocine BAADACHE Abderrahmane	Coping with Spoofed PS-Poll Based DoS Attack in IEEE 802.11 Networks	In the proceedings 8th International Workshop on Verification and Evaluation of Computer and Communication Systems (VECoS) 29-30 septembre 2014 Université de Bejaia
YAZID Mohand SAHKI Nassim BOUALLOUCH E-MEDJKOUNE Louiza AISSANI Djamil	Analytical Modeling of the IEEE 802.11e EDCA Network with Contention Free Burst	In the proceedings 8th International Workshop on Verification and Evaluation of Computer and Communication Systems (VECoS) 29-30 septembre 2014 Université de Bejaia

KAHLESSENA NE Fares BOUALLOUCH E-MEDJKOUNE Louiza AISSANI Djamil	Cross-layer energy-aware protocol for wireless sensor networks	In the proceedings 8th International Workshop on Verification and Evaluation of Computer and Communication Systems (VECoS) 29-30 septembre 2014 Université de Bejaia
REBOUH Nadjette	Failure Detector- Ring Paxos based Atomic Broadcast Algorithm	In the proceedings 8th International Workshop on Verification and Evaluation of Computer and Communication Systems (VECoS) 29-30 septembre 2014 Université de Bejaia
BOULFEKHAR Samra BENMOHAMM ED Mohamed	Protocole MAC synchrone minimisant la consommation d'énergie	4th. International Symposium ISKO- Maghreb'2014 2014 Alger
BATTAT Nadia	Monitorage des réseaux mobiles basé sur la coloration des graphes	COSI 08-10 juin 2014 Université de Béjaia
Nacer Hassina Sklab Youcef Tari Abdelkamel	User's profile Representation for Distributed systems	Innovative trends in management, information, technologies, computing and engineering to tackle a competitive global environment (itmitce) 18 june 2014 Istambul (Turkey)
Taous Iggui Nacer Hassina Sklab Youcef Aitradi Taklit	New Approach for the construction of user profile: e-recruitment	International conference on advanced networking, distributed systems and applications 17-19 june 2014 Bejaia (Algérie)
Yahiaoui Souraya Omar Mawloud Bouabdallah Abdelmadjid Challal Yacine	Multi-Actuators based Anycast Routing Protocol for Wireless Sensor and Actuator Networks	International Conference of Networking, Distributed Systems and Applications 17-19 june 2014 Bejaia (Algérie)
Zaouche Lotfi Ait-Arab Sofiane Khireddine Anfel Omar Mawloud Natalizio Enrico Bouabdallah Abdelmadjid	A reputation-based approach using collaborative indictment/exculpation for detecting and isolating selfish nodes in MANETs	International Conference of Networking, Distributed Systems and Applications 17-19 june 2014 Bejaia (Algérie)
Yaici Malika Mala Louiza Younsi Kahina	A Simulaor for distributed algorithm	20 th conference for the international federation of operational research societies 13-18 june 2014 Barcelone (Espagne)

Yaici Malika Tighidet Soraya	Detection of Movement for a Distributed Video Surveillance System	Congress on Telecommunication and Application'14 2014 Bejaia, Algeria
Mostefaoui Achour Moumen Hamouma Raynal Michel	Signature-free asynchronous byzantine consensus with $t < n/3$ and $O(n^2)$ messages	33rd ACM Symposium on Principles of Distributed Computing (PODC 2014) 2014 Paris, France
Ourbih-Baghdali Latifa Ourbih-Tari Megdouda Dahmani Abdelnasser	Determination of the optimal strategy of a quarry in Algeria using the Three Phase Discrete-Event Simulation: A case study	3rd Stochastic Modeling Techniques and Data Analysis International Conference SMTDA2014 2014 Lisbon, Portugal
Belaid Karima Dahmani Abdelnasser	Calibration problem	9 th International Statistics Day Symposium ISDS'2014 2014 Side, Antalya, Turkey.
Ourbih-Tari Megdouda Azzal Mahdia	Survival Analysis on Clinical Trial in Monte Carlo Simulation	The 3rd Stochastic Modeling Techniques and Data Analysis International Conference (SMTDA) 11-14 june 2014 Lisbon, Portugal
Baiche Leila Ourbih-Tari Megdouda	Large sample variance of simulation using Refined Descriptive Sampling	International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM) 6-9 novembre 2014 Antalya, Turkey
Ourbih-Tari Megdouda Azzal Mahdia	The Monte Carlo methods in nonparametric estimation of the survival function	1er congrès sur la Modélisation et Calcul Scientifique en Ingénierie Mathématique (MOCASIM) 19-22 novembre 2014 Marrakech, Maroc
Ourbih-Tari Megdouda Khalfi Linda	An empirical Evaluation of some Monte Carlo methods	1er congrès sur la Modélisation et Calcul Scientifique en Ingénierie Mathématique (MOCASIM) 19-22 novembre 2014 Marrakech, Maroc
Baiche Leila Ourbih-Tari Megdouda	Using refined descriptive sampling in integration	1er congrès sur la Modélisation et Calcul Scientifique en Ingénierie Mathématique (MOCASIM) 19-22 novembre 2014 Marrakech, Maroc
Amroun: Kamal Habbas Zineb Aggoune Mtalaa Wassila	A compression algorithm to improve Generalized Hypertree Decomposition-based solving approaches for large non binary extensional CSP	RCRA 17-18 july 2014 Vienna, Autriche

Amroun Kamal Habbas Zineb Aggoune Mtalaa Wassila	A compressed enumerative algorithm for processing efficiently a Generalized Hypertree Decomposition	COSI 08-10 juin 2014 Bejaia, Algérie
Aloui Abdelouhab Amroun Kamal	New technique of coloring of vertices in the graphs	20 th Conference of the international Federation of Operational Research Societies 13-18 july 2014 Barcelone, Espagne
SOUILAH Hocine BAADACHE Abderrahmane BOUALLOUCH E Louiza	Coping with Spoofed PS-Poll Based DoS Attack in IEEE 802.11 Networks	VECoS 2014 29-30 septembre 2014 Béjaia, Algérie
IDOUGHY Djilali AZOUI Aicha	An SOA based Ubiquitous Computing System Design Framework	Proceedings of the 12th ACM International Symposium on Mobility Management and Wireless Access Proceedings. September 21-26 2014 Montreal CANADA
AIT ABDELOUHAB Karima IDOUGHY Djilali KOLSKI Christophe	Agile & user centric SOA based service design framework applied in disaster management.	ICT-DM'2014, 1st IEEE International Conference on Information and Communication Technologies for Disaster Management (March 24-25, 2014), Algiers, Algeria
SELLAMI Lynda IDOUGHY Djilali A. BAADACHE	Intrusions Detection System Based on Ubiquitous Network Nodes	INFOCOMP 2014: The Fourth International Conference on Advanced Communications and Computation, IARIA Conference, Paris, France, July 20, 24.
R. MATEM, A. ALLICHE, D. IDOUGHY	Systèmes de Reconnaissance Biométrique : Étude et application	International Congress on Telecommunication and applications, ICTA'14, 23-24 Avril 2014, University of A.MIRA BEJAIA
SELLAMI Khaled TIAKO Pierre F	Hybridized Genetic Algorithm for Energy and Performance-Aware Task Scheduling in a Cloud Computing Environment	3rd International Symposium and 25 th National Conference on Operational Research 26-28 june 2014 Thessaly, Grèce
SELLAMI Khaled DRIS Djamel	Towards Immune genetic Algorithm for Composition of Web service with Constraints	20 th Conference of the International Federation of Operational Research Societies, IFORS'2014. 13-18 july 2014 Barcelone Espagne
KASSA Rabah SELLAMI Khaled	Energy- Aware Scheduling of Scientific Workflows Using PSO in Cloud Computing	The International Energy Technologies Conference 22-24 dec 2014 Istanbul, Turquie

SELLAMI Khaled TIAKO Pierre F KASSA Rabah	Hybridization of a CSP with a genetic algorithm for workflow scheduling based on energy-aware in cloud computing environment	International Conference Operation Research Sept 02-05,2014 Aachen, Germany
Hariche Kamal BOUKREDERA Djamila	A Combined AHP-based Approach for Evaluating and Ranking Economic Partners in a Public Organism	20 th Conference of the International Federation of Operational Research Societies, IFORS'2014. 13-18 july 2014 Barcelone Espagne
BOUKREDERA Djamila Hariche Kamal MAAMERI Ramdane KASSA Rabah	Using Analytic Hierarchy Process to Enhance Consensus in Multi-agent Multi-issue Negotiation	20 th Conference of the International Federation of Operational Research Societies, IFORS'2014. 13-18 july 2014 Barcelone Espagne
BOUDRIES AbdelMalek AMAD Mourad KASSA Rabah	Semantic requests in Web services search	20 th Conference of the International Federation of Operational Research Societies, IFORS'2014. 13-18 july 2014 Barcelone Espagne
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Lina Bachiri, Djamil Aissani, Louiza Bouallouche- Medjkoune.	Throughput improvement of IEEE 802.11e EDCA network under fading channel,	Proceedings of the SIVA'13 (Second International Conference on Signal, Image, Vision and their Applications), Guelma, November 2013.
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A. Khelil, R. Beghdad :	“Coverage and Connectivity Protocol for Wireless Sensor Networks”,	IEEE 24 th International Conference on Microelectronics, ICM'2012.
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Nadjette Rebouh, Boulfekhar Samra :	A Distributed Algorithm For Mutual Exclusion in Hierarchical networks.	The 4 th International Conference on Software and Computing Technology (ICSCT'13), Konya, Turkey, October 24-25, 2013.
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Megdouda OURBIH-TARI, Abdelouhab ALOUI	A general-purpose module using refined descriptive sampling for installation in simulation systems.	Vocal 2012 Conference, Advanced Algorithms. 11-14 Décembre 2012, Veszprém, Hongrie
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Megdouda Ourbih-Tari et Mahdia Azzal	Nonparametric Estimation of a Survival Function Using Refined Descriptive Sampling	ESM'12. 22-24 Octobre 2012, FOM, University of Applied Sciences. Essen, Germany.
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M. OURBIH-TARI, L. BAGHDALI-OURBIH, A. DAHMANI	Comparison of Monte Carlo Methods through a Case Study	conférence Internationale : "the annual European Simulation and Modelling Conference (ESM'2011)" 24 au 26 octobre 2011 à Guimaraes Portugal.
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K. Adel-Aissanou, D. Aïssani and N.Djellab	The distribution of Hello message waiting time	6th Annual International Conference on Computer Science and Information Systems, 25-28 June 2010, Athens, Greece. Book of abstract p. 6 Site Web: http://www.atiner.gr/docs/Computer.htm *

Hamouma MOUMEN, Achour MOSTEFAOUI	Time-Free Authenticated Byzantine Consensus.	In proceeding of the 9th IEEE International Symposium on Network Computing and Applications IEEE NCA10 15-17 July 2010. Cambridge, MA USA
Megdouda OURBIH – TARI & Abdelouhab ALOUI	Simulation of a stable M/M/1 queuing system using refined descriptive sampling to generate inputs	The 24th European Conference on Operational Research,(EURO XXIX LISBON), 11-14 juillet 2010,Lison, Portugal
Megdouda OURBIH – TARI & Abdelouhab ALOUI, Amine ALIOUI	Developing of a random number generator using Refined Descriptive Sampling	Vocal 2010 Conference, Advanced Algorithms. 15-17 Décembre 2010, Hongrie.
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Megdouda OURBIH–TARI & Sofia GUEBLI	Comparing two sampling methods in Monte Carlo simulation	The 24th annual European Simulation and Modelling Conference (ESM'2010). 25-27 Octobre, 2010. Hasselt, Belgique

b- Communications Nationales:

Nom et Prénom	Intitulée de la communication	Intitulé, date et lieu de la manifestation
LARBI Ali BOUALLOUCHE-MEDJKOUNE Louiza AÏSSANI Djamil	Improving cache effectiveness based on cooperative cache management in mobile Ad Hoc networks	Séminaire Mathématique de Béjaia, Unité de recherche LaMOS Béjaia Algérie 2016
Guerrouahane Nacira Aïssani Djamil Bouallouche-Medjkoune Louiza Farhi Nadir	Modélisation du trafic routier par les files d'attente	Séminaire Mathématique de Béjaia, Unité de recherche LaMOS Béjaia Algérie 2016
Berri Sara Radjef Mohammed Said	Stratégies d'Incitation à un Comportement Coopératif des Noeuds d'un Réseau Ad hoc	Conférence sur l'Ingénierie Informatique (C2I) 16-17 décembre 2014 EMP, Alger

IFRI Soraya SELLAMI Khaled KASSA Rabah	TIC, technologies émergentes et Web 2.0; quel impact en insertion professionnelle des jeunes diplômés ?	Séminaire National : « Insertion socioprofessionnelle et employabilité des jeunes diplômés ». 04-05 Juin 2014
Megdouda Ourbih-Tari et Sofia Guebli	Comparaison des méthodes d'échantillonnages à travers un modèle de corde vibrante	Rencontre Analyse Mathématiques et Applications (RAMA 8). 26-29 Novembre 2012, USTHB Alger
Samra BOULFEKHAR	“ Routage géographique avec économie d'énergie pour les réseaux de capteurs sans fil“,	Séminaire Informatique hebdomadaire, Laboratoire LIRE, Constantine, 03 juin 2012.
Samra BOULFEKHAR	“ Un protocole de routage géographique économe en énergie pour les réseaux de capteurs sans fil“	Séminaire Mathématique hebdomadaire, Laboratoire LAMOS, Béjaia, 06 juin 2012
Fouzi Semchedine	Solution Cross-Layer pour QoS dans les Réseaux de Capteurs sans fil	Séminaire Mathématique Hebdomadaire, Laboratoire LAMOS, Université de Béjaia, Juin 2012.
Samira YESSAD	Une Approches Cross-Layer pour l'économie d'énergie dans les réseaux de capteurs.	Séminaire Mathématique hebdomadaire, Laboratoire LAMOS, Béjaia, Avril 2012.
Fouzi Semchedine, Louiza Bouallouche-Medjkoune, Mehdi Zaddi, Djamel Ayane, Djamil Aïssani	Diffusion Dirigée avec Equilibrage de Charge pour routage dans les réseaux de capteurs sans fil	Première Conférence Nationale sur les Télécommunications «CNT'2012» les 11 et 12 Novembre 2012 à Guelma, (Algérie).
Samra Boulfekhar	Un protocole MAC pour l'allongement de la durée de vie des réseaux de capteurs sans fil	Séminaire Informatique hebdomadaire, Laboratoire LIRE, Constantine, avril 2011
Samra Boulfekhar	La couche MAC avec contraintes d'énergie dans réseaux de capteurs sans fil	Séminaire Mathématique hebdomadaire, Laboratoire LAMOS, Béjaia, mars 2011
BAGHDALI Latifa	La modélisation d'une carrier à traves la simulation	Séminaire de Mathématique, laboratoire de Mathématiques Appliquées. Bejaia
GUELBI Sofia	Approximation d'intégrale par simulation en utilisantt RDS	Séminaire du département de mathématique, laboratoire de mathématique appliquées, U. Bejaia
F. Semchedine,.	Protocole de routage basé sur la recherche taboue pour les réseaux de capteurs sans fils	Séminaire Mathématique hebdomadaire, Laboratoire LAMOS, Béjaia, Mai 2010.
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