

Liste des productions scientifiques (publications, communications, ...)

Année 2023

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Sciences et technologie

Laboratoire de Mécanique Appliquée des Nouveaux Matériaux (LMANM)

<i>Productions Scientifiques 2023</i>								
<i>Publications</i>								
<i>Titre</i>	<i>Auteurs</i>	<i>Revue</i>	<i>Année</i>	<i>Catégorie de la revue: A+ , A , B-Scopus, B-non Scopus, C, non classée</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>	
<i>Publications internationales</i>	<i>Thermal Study of Carbon-Fiber-Reinforced Polymer Composites Using Multiscale Modeling.</i>	<i>W Nasri Z Driss R Djebali KY Lee HH Park A Bezazi PNB Reis.</i>	<i>Materials</i>	<i>2023</i>	<i>A</i>	<i>16(22)</i>	<i>140-151</i>	<i>https://doi.org/10.3390/ma16227233</i>
	<i>Development and characterization of a new sustainable composite reinforced with date palm stems for rehabilitation and reconstruction of earthen built heritage.</i>	<i>A Akhzeroun A Semcha A. Bezazi H Boumediri PNB Reis F Scarpa.</i>	<i>Composite Structures</i>	<i>2023</i>	<i>A+</i>	<i>316</i>	<i>117015</i>	<i>https://doi.org/10.1016/j.compstruct.2023.117015</i>

Publications internationales	<p>Failure analysis of biocomposite sandwich pipe under internal pressure - Application for high pressure gas transportation pipelines MEDGAZ</p>	<p>Habbar, G. Hocine, A. Maizia, A. Bezazi, A. Ribeiro, João Houcine Dhaou, M. Bouledroua, O.</p>	<p>International Journal of Pressure Vessels and Piping</p>	<p>2023</p>	<p>A</p>	<p>202</p>	<p>104891</p>	<p>https://doi.org/10.1016/j.ijpvp.2023.104891</p>
	<p>Numerical and Experimental Analyses of Hybrid Composites Made from Amazonian Natural Fibers.</p>	<p>Del Pino, G.G. Bezazi, A. Boumediri, H. Valin R. J. L. Claudio K. A. Dehaini G. S. M. N. José Costa de, S. Marcos Dantas dos Panzera T. H. Rivera T. A, Méndez, C.A.C. Diaz, F.R.V.</p>	<p>Journal of Research Updates in Polymer Science</p>	<p>2023</p>	<p>B</p>	<p>12</p>	<p>10-18</p>	<p>10.6000/1929-5995.2023.12.02</p>
	<p>Comparative Study to Optimize Surface Roughness of the Titanium Alloy Ti-6Al-4V by Applying Taguchi, RSM and TLBO Methods.</p>	<p>Y. Belbellaa N. Kribes M. A. Yallese H. Lekmine S. Boutabba A. Bezazi.</p>	<p>Periodica Polytechnica Mechanical Engineeringthis link is disabled</p>	<p>2023</p>	<p>B</p>	<p>67(1)</p>	<p>1-11</p>	<p>https://doi.org/10.3311/PPme.17911</p>

Publications internationales	Modeling and simulation of the thermal behavior and electrical performance of PV modules under different environment and operating conditions	Limane B. Cherif O L. S Diaf	Renewable Energy	2023	A+	219	119420	https://doi.org/10.1016/j.renene.2023.119420
	Nanocomposite Beta Nb50Ti based SWCNTs by FAST-SPS-FCT	Badis Bendjemil, Khaoula Safi, Ilyas Kouahla, Jacques Guillome Noudem, Mohamed Mouyane, Jérôme Bernard Yannick Guel, David Houivet.	Experimental and Theoretical NANOTECHNOLOGY	2023	B-non Scopus	7.	1-32	https://doi.org/10.56053/7.1.1
	Synthesis of TiC(1-x)-ZrCx (x=0.2) composite by FAST-SPS-FCT technology, effect of SWCNTs and nano-WC additions on structural properties: Application for ballistic protection	Badis Bendjemil Khaoula Safi Ilyas Kouahla Mathias Moser Mohamed Mouyane Mustapha Arian Jérôme Bernard Frédéric Bernard Dominique Vrel Jacques Guillome Noudem David Houivet	Experimental and Theoretical NANOTECHNOLOGY	2023	B-non Scopus	7	461-480	https://doi.org/10.56053/7.3.461

Publications internationales	Effects of tool materials and cutting conditions in turning of Ti-6Al-4V alloy: Statistical analysis, modelling and optimization using CoCoSo, MABAC, ARAS and CODAS methods	Khaoula ABBED Nabil Kribes Mohamed Athman., Y Chihaoui salim. Smail Boutabba	The International Journal of Advanced Manufacturing Technology	2023	A	128	1535-1557	https://doi.org/10.1007/s00170-023-11775-6
	Design and Computational Analysis of an Axisymmetric Contoured Supersonic Propulsion Nozzle	L Dai, N Boughazi, A Haddad	International Journal of Advanced Natural Sciences and Engineering	2023	B-non Scopus	7	244-249	https://doi.org/10.59287/ijanser.1160
	Mechanical Design and Performance Analysis of Articulated Mechanical Hands: A Review	A Bouachari A Haddad	Current Studies in Basic Sciences, Engineering and Technology	2023	non classée	1	119-130	https://www.isres.org/current-studies-in-basic-sciences-engineering-and-technology-2023-46-b.html
	Multi-Objective Optimization of the Inconel 718 Turning Parameters Using MARCOS-Based Taguchi S/N ratio	S Boucherit MA Yallese I Kouahla S Belhadi A Haddad	The Eurasia Proceedings of Science Technology Engineering and Mathematics	2023	non classée	26	366-374	https://doi.org/10.55549/epstem.1410271

Productions Scientifiques 2023								
Communications								
	Titre	Auteurs	Intitulé de manifestation	Année	Proceeding de la conférence indexé dans Scopus (oui /non)	Volume	Page	URL
Communications nationales	Matériaux composites de construction issus des ressources végétales :formulation, caractérisation et potentiels futurs	Hocine Khelifa., Abderrezak Bezazi	1er Séminaire National de Géotechnique, Construction, Matériaux & Environnement 11-12 Décembre 2023, Université de Souk Ahras	2023	Non			https://www.univ-soukahras.dz/ar/actualites/premier-seminaire-national-de-geotechnique-construction-materiaux-environnement
	Mechanical behavior of hydrogen pressure vessel type III (15 Mpa) made of an aluminum liner and a thick carbon and jute / epoxy composite.	Maizia A. Hocine A. Bezazi A. Hadj M Mohamed. Nateche T.	Congrès National de Mécanique, Matériaux et Métallurgie. 28-29 Mai 2023.Oran,Algeria	2023				

Communications nationales	Modeling and computational study under TRNSYS of PVT-based positive energy home system	Benmekhlouf B., Cherif O L.	The First National Conference on Mechanical Engineering on may 10. 2023 Mosttefa Benboulaid Batna 2 University	2023				
	Thermomechanical behavior and backsheet effect of photovoltaic modules	Limane B., Cherif O L., S GUENFOUD	THE NATIONALVIRTUAL CONFERENCE ALGERIAN CONFERENCE ON MECHANICS AND SOLAR ENERGY. OUARGLA-ALGERIA 17-18 JUNE 2023	2023				https://sites.google.com/univ-ouargla.dz/acmse-23/acmse23?authuser=0&pli=1
	ETUDE NUMERIQUE DE L'INFLUENCE DU REFROIDISSEMENT PASSIF SUR LE COMPORTEMENT THERMIQUE ET LA PERFORMANCE ELECTRIQUE DES MODULES PHOTOVOLTAÏQUES	Limane B., Cherif O L., S GUENFOUD	Premier Séminaire National sur les Matériaux pour l'Environnement et Développement Durable. MEDD'23, le 09 et 10 Mai 2023 à l'université de Relizane.	2023				https://2u.pw/TENWJ19

Communications nationales	Analysis of thermal stratification in a solar hot water storage tank	Islam DOUAOUIA., Cherif OULD LAHOUCINE	Premier Séminaire National sur les Matériaux pour l'Environnement et Développement Durable. MEDD'23, le 09 et 10 Mai 2023 à l'université de Relizane.	2023	Non			https://2u.pw/TENWJ19
	thermohydraulic Study of the Ferrofluid Flow under the Influence of Magnetic Field	abdelaziz boumaiza ould lahoucine cherif mahfoud kadja	The 2nd study day of materials : Synthesis and energy applications DST' December 03,2023. Biskra, Algeria	2023				
	MODELING OF TECHNOLOGICAL PARAMETERS IN A FINISHING TURNING OPERATION OF TI-6AL-4V TITANIUM ALLOY USING THE ANOVA ANALYSIS AND THE ARTIFICIAL NEURAL NETWORK METHOD (ANN)	Younes BELBELLAA , Nabil KRIBES , Mohamed AthmaneYALLESE	National Conference on Mechanic and Material NCMM'2023	2023	Oui			https://ft.univ-boumerdes.dz/wp-content/uploads/2023/10/NCMM2023-and-Workshop-IAR2023_Anglais_FT.pdf

Communications nationales	Prediction and modeling of surface roughness when turning of Ti-6Al-4V using RSM methodologies	Khaoula ABBED Mohamed Athman Yallese Nabil Kribes , Smail Boutabba	THE NATIONAL VIRTUAL CONFERENCE ALGERIAN CONFERENCE ON MECHANICS AND SOLAR ENERGY. OUARGLA-ALGERIA 17-18 JUNE 2023	2023	Non	1		https://sites.google.com/univ-ouargla.dz/acmse-23/acmse23?authuser=0&pli=1
	CUTTING PERFORMANCE AND WEAR MORPHOLOGY OF TIN AND TIALN COATED CARBIDE AND UNCOATED CARBIDE TOOLS DURING DRY TURNING OF TI-6AL-4V	Khaoula ABBED Nabil Kribes Smail Boutabba	1ST National Conference on Mechanics and Materials NCMM'2023	2023	Non	1		https://www.univ-boumerdes.dz/Conf%C3%A9rence%20M%C3%A9canique-2023/
	Water Distribution Network Design and Simulation	H Boumaza A Haddad M Kherouf	Congrès National de Génie Civil et d'Hydraulique	2023	Non			

Communications internationales	Study of the resin type effect on composite specimens cut from tubes produced using filament winding technique subjected to bending loading.	Bettayeb M. Bezazi A. Maizia A. Hocine A. Bouledroua O., Reis P N B., Scarpa F.	5th International Conference on Applied Engineering and Natural Sciences on 10-12 July in 2023 at Konya/Turkey.	2023		1	9	https://drive.google.com/file/d/1pDl6CQ7PVAL-xTcbLGhbbX6H3HxQ1HN5/view?usp=drive_link
	Development, elaboration and characterization of composite tubes designed for hydrogen transport.	Bettayeb M., Bezazi A., Habbar G., Baali B., Hocine A., Allouti M, Reis P N B., Scarpa F.	5th International Conference on Applied Engineering and Natural Sciences on 10-12 July in 2023 at Konya/Turkey.	2023		1	10	https://drive.google.com/file/d/1pDl6CQ7PVAL-xTcbLGhbbX6H3HxQ1HN5/view?usp=drive_link
	Experimental analysis of composite pipe specimens under flexural loading.	Bettayeb M., Bezazi A., Habbar G., Baali B., Hocine A., Allouti M, Reis P N B., Scarpa F.	V. International istanbul current scientific research congress July 9-11, 2023 / Istanbul, Türkiye	2023				284

Communications internationales	<p>The effect of fiber orientation and resin type on the impact resistance of specimens cut from composite pipes</p>	<p>Bettayeb M., Bezazi A., Maizia A., Hocine A., Bouledroua O., Reis P N B., Scarpa F.</p>	<p>V. International istanbul current scientific research congress July 9-11, 2023 / Istanbul, Türkiye</p>	2023			10	<p>https://www.istanbulkongresi.org/kongre-kitaplari</p>
	<p>The Impact of Corrosion Outer Defects on the Reliability of Hydrogen Pipeline Transport Systems.</p>	<p>Maizia A., Habbar G., Ghouaoula A., Louza A., Hocine A., Bezazi A.</p>	<p>2nd International Conference on Contemporary Academic Research ICCAR</p>	2023			1	<p>Vol. 1 No. 2 (2023): Proceeding Book of 2nd International Conference on Contemporary Academic Research ICCAR 2023 .</p>
	<p>Mechanical behavior analysis of corroded pipelines used to transport hydrogen.</p>	<p>Maizia A., Habbar G., Bettayeb M., Hocine A., Bouledroua O., Bezazi A.,</p>	<p>1st International Conference on Modern and Advanced Research</p>	2023				

Communications internationales	Stress And Failure Analysis Of Sandwich Pipes Intended For Transporting Hydrogen And Oil	HABBAR Ghania HOCINE Abdelkader MAIZIA Abdelhakim BEZAZI Abderrezak BETTAYEB Mohammed RIBEIRO João BOULEDROUA Omar LOUZA Abdelkader DHAOU Mohamed Houcine	INTERNATIONAL TRAKYA SCIENTIFIC RESEARCH CONGRESS 12-13 AUGUST 2023 EDİRNE/ TURKEY	2023				https://en.isarconfer ence.org/
	Analytical failure analysis of bio/synthetic sandwich pipe under pressure.	Habbar G., Hocine A., Maizia A., Bezazi A, Bettayeb M., Bouledroua O., Dhaou M. H., Ghouaoula A. E., Ribeiro J., Louza A.	5th International Conference on Applied Engineering and Natural Sciences on 10-12 July in 2023 at Konya/Turkey.	2023		1	18	https://drive.google.com/file/d/1pDl6CQ7PV AL- xTcbLGhbbX6H3HxQ1HN5/ view?usp=drive_link
	Flexibility Optimization for Wind Turbine Wing Structures Using Curved Cell Wall Honeycombs	Amine Harkati, El-Hadi Harkati, Abderrezak Bezazi, Fabrizio Scarpa, Guenfoud Salah	International Conference on Mechanics and Energy, December 20-22, 2023, Sousse, TUNISIA.	2023				https://icme.aicme.net/

Communications internationales	The benefit of using composite materials in the design of structures, pipes and tanks.	Abderrezak BEAZI.	Second Arab Conference on Mechanics and Engineering (ARCME'23) Biskra, Algeria, December 10-12	2023				Home - ARCME23 (univ-biskra.dz)
	Effect of annealing treatment in the mechanical property of chromium carbides films	Meryem Malla., Linda Aissani., Ahmed Belbah., Abderrezak Bezazi	5th International Conference on Applied Engineering and Natural Sciences on 10-12 July in 2023 at Konya/Turkey.	2023		1	11	https://drive.google.com/file/d/1pDl6CQ7PVAL-xTcbLGhbbX6H3HxQlHN5/view?usp=drive_link
	2D Finite Element Model to Estimate the Life Time of PV Module Based on the Fatigue of the Copper Ribbons	Limane B., Cherif O L., S GUENFOUD	3rd International Conference on Engineering and Applied Natural Sciences on 14-17 January in 2023 at Konya/Turkey.	2023				https://www.iceans.org/
	Improvement of friction and wear behaviour of WC-Co imlanted by nitrogen ion	Belbah A., Kirati W.	International Conference on Mechanics and Energy, December 20-22, 2023, Sousse, TUNISIA.	2023				https://icme.aicme.net/
	Improve heat transfer using the Ferrofluid Flow under the Influence of Magnetic Field	abdelaziz boumaiza ould lhoucine cherif mahfoud kadja	The 2nd International Workshop on Chemical Engineering dedicated to Catalysis (IWCE'23)	2023			6	https://ocs.univ-setif.dz/IWCE2023/IWCE2023

Communications internationales	PRODUCTION OF β -type Nb _x Ti (x =50 at%) /SWCNTs INTERMETALLIC MATRIX NANOCOMPOSITE BY FAST-SPS FOR BIOMEDICAL AND NANOTECHNOLOGY APPLICATIONS (ITER)	Badis Bendjemil al.	15th INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES March 04-06, 2023 / Muş, Türkiye	2023				www.ispecongress.org
	Vibration modeling during turning of Ti-6Al-4V using two different methods response surface methodology (RSM) and artificial neuron network (ANN)	Nabil Kribes , Younes Belbellaa, Habiba Lekmine, S. Boutabba, Abderrezak Bezazi.	International conference on nonlinear science and complexity ICNSC 2023	2023	Non			https://ntmsci.com/Conferences/ICNSC2023/PaperPublications
	Effect of material tools and cutting conditions on surface	Khaoula ABBED Nabil Kribes Mohamed Athman Y Younes Belbellaa Smail Boutabba	International Conference on Mechanics and Energy December 20-22, 2023, Sousse, TUNISIA	2023	Oui	8		https://icme.aicme.net/index.php?option_smdi=accueil&ide=1#contenu
	Design and Grasping Analysis of a 3-Fingers Adaptive Robot Gripper	A Bouachari A Haddad	Int. Conf on Technology, Engg and Science	2023	Oui		5-...	http://icontes.net
	Design and Computational Analysis of an Asymmetric Wedge Nozzle	L Dai A Haddad	Int. Conf on Technology, Engg and Science	2023	Oui		4-...	https://icontes.net

Communications internationales	Design and CFD Analysis of Single-Bell C-D Nozzle	L. Dai, N. Boughazi A. Haddad	International Conference on Mechanics and Energy	2023	Oui			https://www.icme.aicme.net/
	Design and Computational Analysis of an Axisymmetric contoured Supersonic Propulsion Nozzle	L. Dai, N. Boughazi A. Haddad	5th International Conference on Applied Engineering and Natural Sciences	2023	Oui			https://as-proceeding.com/index.php/icaens/issue/view/27
	Multi-Objective Optimization of the Inconel 718 Turning Parameters Using Marcos based Taguchi S/N ratio	S Boucherit, M A Yallese, I Kouahla, S Belhadi, A Haddad	Int. Conf on Technology, Engg and Science	2023	Oui	26	366-374	ISBN: 978-625-6959-24-8 www.isres.org
	Application of RoboDK to the Simulation and Programming of cutting machining operation	A Bouachari, A Haddad, F Bouraghda A Djelfaoui	The 5th Int. Conf. On Mechanical Engineering	2023	Non			2017 the 5th International Conference on Mechanical Engineering, Materials Science and Civil Engineering -
	Verification of the values of the eigen frequencies by the modal superposition method	S Guenfoud., H Gherdaoui., A Rezaigia., S Bosakov., D F Laefer	International Conference on Mechanics and Energy, December 20-22, 2023, Sousse, TUNISIA.	2023				https://icme.aicme.net/