

**Liste des productions scientifiques**  
**(Publication, communication,....)**  
**Année 2019**

<b>SPECIALITE: Génie Mécanique</b>						
<b>Publications Internationales</b>						
<b>Titre</b>	<b>Auteurs</b>	<b>-Revue pour les Publications -Intitulé de manifestation pour les communications</b>	<b>Année</b>	<b>Volume</b>	<b>Page</b>	<b>URL</b>
<i>Investigation, modeling, and optimization of cutting parameters in turning of gray cast iron using coated and uncoated silicon nitride ceramic tools. Based on ANN, RSM, and GA optimization</i>	A. Laouissi, M.A. Yallese, A. Belbah, S. Belhadi, A. Haddad	<b><i>The International Journal of Advanced Manufacturing Technology</i></b>	<i>Mars 2019</i>	<i>101</i>	<i>523-548</i>	<a href="https://doi.org/10.1007/s00170-018-2931-8">https://doi.org/10.1007/s00170-018-2931-8</a>
<i>Comparative study of the performance of coated and uncoated silicon nitride (Si3N4) ceramics when machining EN- GJL- 250 cast iron using the RSM method and 2D and 3D roughness functional parameters</i>	A. Laouissi, M.A. Yallese, A. Belbah, K. Khellaf, A. Haddad	<b><i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i></b>	<i>Mai 2019</i>	<i>41-5</i>	<i>205-228</i>	<a href="https://doi.org/10.1007/s40430-019-1708-9">https://doi.org/10.1007/s40430-019-1708-9</a>
<i>Modeling and multi-objective optimization for minimizing surface roughness, cutting force, and power, and maximizing productivity for tempered stainless steel AISI 420 in turning operations</i>	A. Zerti, M.A. Yallese, I. Meddour, S. Belhadi, A. Haddad, T. Mabrouki	<b><i>The International Journal of Advanced Manufacturing Technology</i></b>	<i>Mai 2019</i>	<i>102-1-4</i>	<i>135-157</i>	<a href="https://doi.org/10.1007/s00170-018-2984-8">https://doi.org/10.1007/s00170-018-2984-8</a>

<i>Extraction and characterization of vascular bundle and fiber strand from date palm rachis as potential bio-reinforcement in composite</i>	H. Boumediri, A. Bezazi, G.G. Del Pino, A. Haddad, F. Scarpa, A. Dufresne	<b>Carbohydrate Polymers</b>	October 2019	222	114997	<a href="https://doi.org/10.1016/j.carbpol.2019.114997">https://doi.org/10.1016/j.carbpol.2019.114997</a>
<i>Caracterización de nanocompuestos de resina de poliéster con fibras de curauá y óxido de grafeno</i>	G García del Pino, JL Valin Rivera, K Bin Chong, A Bezazi, ...	Revista Ciencias Técnicas Agropecuarias	2019	28 (2)		
<i>Dry turning of X2CrNi18-09 using coated carbide tools: modelling and optimization of multiple performance characteristics</i>	S. Boucherit, S. Berkani, M.A. Yallese, <b>A. Haddad</b> , S. Belhadi,	Mechanika,	2019	Vol. 25 (6)	487-500	<a href="http://dx.doi.org/10.5755/j01.mech.25.6.22367">http://dx.doi.org/10.5755/j01.mech.25.6.22367</a>
<i>Dynamic response of a multi-span, orthotropic bridge deck under moving truck loading with tandem axles</i>	Youcef FISLI, Abdelouahab REZAIGUIA, Salah GUENFOUD, Debra F LAEFER	Diagnostyka	2019	Vol. 20, No. 4	37-48.	<a href="https://doi.org/10.29354/diag/113001">https://doi.org/10.29354/diag/113001</a>

### **Publications nationales**

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### **Communications Internationales**

<i>Wall curvature effect on the auxetic behaviour of new honeycomb structures</i>	A. Harkati, E. Harkati, A. Bezazi, D. Boutagouga, F. Scarpa, A. Madjour	<b>International Conference on Materials and Energy (ICOME'19), ,</b>	<b>23-26 April 2019</b>	Hammamet Tunisia	/	<a href="http://icome19.ecam-epmi.fr/">http://icome19.ecam-epmi.fr/</a>
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<i>Evaluation and Correlation of Friction Head Losses in Smooth and Rough Pipes</i>	A. Haddad	<b>International Conference on Technology, Engineering and Science- IConTES2019</b>	26-29 Oct. 2019	Antalya, Turkey	/	<a href="http://www.icontes.net">http://www.icontes.net</a>
<i>Statistical analysis of the tensile properties of fiber strand and vascular bundle extracted from date palm rachis</i>	H. Boumediri, A. Bezazi, G.G. Del Pino, B. Bezzazi, F. Scarpa, A. Dufresne	<b>4th International Symposium on Materials and Sustainable Development ISMSD2019.</b>	<b>November 12-14, 2019</b>	U. Boumerdes	/	<a href="https://ismsd2019.sciencesconf.org/">https://ismsd2019.sciencesconf.org/</a>
<i>Statistical Analysis using Weibull method of jute yarns loaded under tensile tests</i>	D. E. Kari, A. Benmounah, H. Boumediri, A. Bezazi, A. T. Moussai, N. Bouhemame, B. Bezzazi	<b>4th International Symposium on Materials and Sustainable Development ISMSD2019.</b>	<b>November 12-14, 2019</b>	U. Boumerdes	/	<a href="https://ismsd2019.sciencesconf.org/">https://ismsd2019.sciencesconf.org/</a>
<i>Physico-Chemical and Thermal Characterization of Date Palm Fibers in Order to be Used as Reinforcement for Bio-Composite Materials</i>	H. Khelifa, A. Bezazi, G.G. Del Pino, F. Scarpa, A. Dufresne	<b>4th International Symposium on Materials and Sustainable Development ISMSD2019.</b>	<b>November 12-14, 2019</b>	U. Boumerdes	/	<a href="https://ismsd2019.sciencesconf.org/">https://ismsd2019.sciencesconf.org/</a>
<i>Fatigue-life prediction of composite laminate under flexural loading</i>	A. Bezazi, A. El Mahi, B. Bezzazi, G.G. Del Pino, F. Scarpa	<b>4th International Symposium on Materials and Sustainable Development ISMSD2019.</b>	<b>November 12-14, 2019</b>	U. Boumerdes	/	<a href="https://ismsd2019.sciencesconf.org/">https://ismsd2019.sciencesconf.org/</a>
<i>Modeling, Simulation and GUI Control of a Hexapod Walking Robot</i>	A. Bouachari, A. Haddad, L. Ghalem,	<b>5th International Conference on Maintenance and</b>	18-19 Nov. 2019	U. Skikda	/	<a href="mailto:cimsi2019.skikda@gmail.com">cimsi2019.skikda@gmail.com</a>

	<i>A. Babouri</i>	<b>Industrial Safety CIMSI'2019</b>				
<i>Head Losses in Pipeline Crude Petroleum Transportation</i>	<i>A. Bouachari, A. Haddad</i>	<b>The International Conference on Advanced Engineering in Petrochemical Industry-ICAEP1'19</b>	<i>26-28 Nov. 2019</i>	<i>U. Skikda</i>	/	<a href="http://ftch.univ-skikda.dz/icaepi2019">http://ftch.univ-skikda.dz/icaepi2019</a>
<i>Minimisation de la rugosité de surface et maximisation de volume de copeau enlevé lors de l'usinage d'un alliage de titane Ti-6Al-4V</i>	<i>Y. Belbellaa, N.Kribes, M.A. Yaltese</i>	<b>4th International Symposium on Materials and Sustainable Development</b>	<i>12-14 Nov. 2019</i>	<i>U. Boumerdes</i>	/	<i>Cimdd 2019.wixsite.com/ismsd20 19</i>
<i>Experimental analysis and numerical modeling of the thermophysical behavior of date palm natural fibers designed for thermal insulation</i>	<i>H. Khelifa, A. Bezazi, A. Haddad, H. Boumediri, N. Bouhemame</i>	<b>1st International Conference on Sustainable Renewable Energy Systems and Applications(ICSRES A'19)</b>	<i>DECEMBER 4-5, 2019.</i>	<i>University - Tebessa</i>	/	<a href="http://webcache.googleusercontent.com/search?q=cache:http://www.univ-tebessa.dz/conf/ICSRESA19.html">http://webcache.googleusercontent.com/search?q=cache:http://www.univ-tebessa.dz/conf/ICSRESA19.html</a>
<i>In-plane shear moduli of a new curved cell walls honeycomb plates for application in wings of wind turbines</i>	<i>A. Harkati, E. Harkati, A.Bezazi, F. Scarpa</i>	<b>1st International Conference on Sustainable Renewable Energy Systems and Applications(ICSRES A'19)</b>	<i>DECEMBER 4-5, 2019.</i>	<i>University - Tebessa</i>	/	<a href="http://webcache.googleusercontent.com/search?q=cache:http://www.univ-tebessa.dz/conf/ICSRESA19.html">http://webcache.googleusercontent.com/search?q=cache:http://www.univ-tebessa.dz/conf/ICSRESA19.html</a>
<i>Water distribution network design and analysis for south Guelma town using EPANET</i>	<i>H. Boumaza, A. Haddad, M. Kherouf</i>	<b>7th International Conference on Advances in Mechanical Engineering and Mechanics</b>	<i>16-18 Déc. 2019.</i>	<i>Hammamet, Tunisia</i>	/	<a href="https://icamem.tn">https://icamem.tn</a>

<i>The impact of Abrasive Water Jet cutting on Tensile Behavior of woven fabric CFRP</i>	A. Abidi, S. Ben Salem, A. Bezazi, H. Boumediri	<b>7th International Conference on Advances in Mechanical Engineering and Mechanics</b>	16-18 December, 2019	Hammamet, Tunisia.	/	<a href="https://icamem.tn/">https://icamem.tn/</a>
<i>Composite materials in epoxy resin matrix using curaua fibers</i>	G. G. Del Pino, A. Bezazi, H. Boumediri, A. C. Kieling, J. L. Valin Rivera, J. Dehaini, F. V. Diaz	<b>7th International Conference on Advances in Mechanical Engineering and Mechanics</b>	16-18 December, 2019	Hammamet, Tunisia.	/	<a href="https://icamem.tn/">https://icamem.tn/</a>
<i>Composite cross-ply laminates stacking sequence effect on post flexural fatigue residual strength</i>	A. Bezazi, A. El Mahi, B. Bezzazi, G. G. Del Pino, F. Scarpa	<b>7th International Conference on Advances in Mechanical Engineering and Mechanics</b>	16-18 December, 2019	Hammamet, Tunisia.	/	<a href="https://icamem.tn/">https://icamem.tn/</a>
<i>Design and manufacturing of a small horizontal wind turbine composite blades and investigation of their performance</i>	O. Ahmed Gaid, A. Bezazi, Y. Mouadji, S. Abbes, H. Bouchelaghem, F. Scarpa, A. Dufresne.	<b>5th International Conference on Advances in Mechanical Engineering (ICAMEIS 2019)</b>	17-19 December, 2019	Istambul, Turkey	/	<a href="http://icame2019conference.com/">http://icame2019conference.com/</a>
<i>UV aging effect on the behavior and mechanical damage of biocomposites investigated under flexural and impact tests</i>	H. Bouchelaghem, A. Bezazi, A. Saaidia, H. Boumediri, F. Scarpa	<b>5th International Conference on Advances in Mechanical Engineering (ICAMEIS 2019)</b>	17-19 December, 2019	Istambul, Turkey	/	<a href="http://icame2019conference.com/">http://icame2019conference.com/</a>

<i>multi-objective optimisation of turning parameters for x210 cr12 tool steel based on grey relational analysis</i>	N Kribes	<b>5th International Conference on Advances in Mechanical Engineering (ICAMEIS 2019)</b>	17-19 December, 2019	Istambul, Turkey	/	<a href="http://icame2019conference.com/">http://icame2019conference.com/</a>
<i>Influence structures of the machine tools on roughness in turning</i>	N Kribes	<b>5th International Conference on Advances in Mechanical Engineering (ICAMEIS 2019)</b>	17-19 December, 2019	Istambul, Turkey	/	<a href="http://icame2019conference.com/">http://icame2019conference.com/</a>
	A Bouachari, A Haddad, W Leuchi	<b>5th International Conference on Mechanics and Energy</b>	19-21 Déc. 2019	Monastir, Tunisia	Acceptation Finale	<a href="http://www.icme.aicme.net/">http://www.icme.aicme.net/</a>
<i>Evaluation of the Integrals of the Green's Function of the Lamb's Model Entering in the Contact Problems</i>	S. Guenfoud, H. Gherdaoui, S.V. Bosakov, A. Rezaiguia, D.F. Laefer	2 nd International Conference on Mathematical Modelling in Applied Sciences (ICMMAS 2019)	August 20-24, 2019	Belgorod, Russia		<a href="http://icmmas19.alpha-publishing.net/">http://icmmas19.alpha-publishing.net/</a>
<i>Chemical and thermal decomposition study of a local natural fiber Ampelodesmos mauritanicus</i>	A. Atoui, S. Guenfoud, A. Bezazi, H. Boumediri, F. Scarpa, A. Dufresne	<b>Fifth International Conference on Mechanics and Energy</b>	December 20-22, 2019	Monastir, Tunisia		<a href="http://www.icme.aicme.net/">http://www.icme.aicme.net/</a>
<b>FREE VIBRATIONS OF TORSIONAL LINE SHAFTS OF FOUR-STROKE ENGINE</b>	A. Rezaiguia, S. Guenfoud, D.F. Laefer	<b>7th International Conference on Advances in Mechanical Engineering and Mechanics</b>	December 16-18, 2019	Hammamet, Tunisia		<a href="http://icamem.tn/registration/">http://icamem.tn/registration/</a>

<i>Natural frequencies and modes shapes of an orthotropic multi-span bridge deck with line rigid supports</i>	<i>I. Farah A. Rezaiguia D.F. Laefer</i>	<i>International Conference on Mechanics and Energy</i>	<i>December 19-21, 2019,</i>	<i>Monastir, Tunisia</i>		<a href="http://www.icme.aicme.net/">http://www.icme.aicme.net/</a>
<b>Communications nationales</b>						