

Liste des productions scientifiques
(publication, communication,....)
Année 2018

LABORATOIRE : Laboratoire de Mécanique Appliquée des Nouveaux Matériaux(LMANM)

SPECIALITE: Génie Mécanique

Publications Internationales

Titre	Auteurs	-Revue pour les publications -Intitulé de manifestation pour les communications	Année	Volume	Page	URL
<i>Statistical analysis of the 3-point bending properties of polymer concrete made of marble powder waste, sand grains and polyester resin</i>	N. BENZANNACHE, A. BEZAZI, H. BOUCHELAGHM, M. BOUMAAZA, S. AMZIANE, F. SCARPA	<i>Mechanics of Composite Materials</i>	<i>January, 2018</i>	<i>Vol. 53, No. 6</i>	<i>781-790</i>	<i>https://doi.org/10.1007/s11029-018-9703-2</i>
<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	<i>The International Journal of Advanced Manufacturing Technology</i>	<i>November 2018</i>	<i>Vol. 101</i>	<i>523-548</i>	<i>https://doi.org/10.1007/s00170-018-2931-8</i>

<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	<i>The International Journal of Advanced Manufacturing Technology</i>	<i>December 2018</i>	<i>Vol. 102</i>	<i>135–157</i>	<i>https://doi.org/10.1007/s00170-018-2984-8</i>

Publications nationales

<i>Effects of adding sisal and glass fibers on the mechanical behaviour of concrete polymer</i>	N. BENZANNACHE, A. BEZAZI, H. BOUCHELAGHEM, M. BOUMAAZA, F. SCARPA, S. AMZIANE	<i>J. Build. Mater. Struct</i>	<i>2018</i>	<i>/</i>	<i>86-94</i>	<i>DOI : 10.5281/zenodo.1296700</i>

Communications Internationales

<i>Avaliação De Compositos Híbridos D e Argila Organofílica Com Fibras Vegetais</i>	G. GARCÍA DEL PINO, F. ROLANDO VALENZUELA DÍAZ, A. BEZAZI, C. CÂNDIDA SILVA, J.C. DE MACÊDO NETO, A. RIVERA TORRES, A. C. KIELING, J. LUIS VALIN RIVERA, M. DAS GRAÇAS DA SILVA VALENZUELA, J. DEHAINI	<i>4ª Reunião sobre Argilas Aplicadas, realizada nos dias</i>	<i>18 e 20 de Abril de 2018</i>	<i>Universidade Federal do Piauí</i>	<i>/</i>	<i>http://leg.ufpi.br/materiais/materias/index/mostrar/id/17247</i>
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<i>Simulation numérique de l'estampage d'un acier allié préchauffé</i>	S.,BOUTABBA, F.KHROUF, J-C BOYER	International congress for applied mechanics- JET'2018	2-4 Mai 2018	Marrakech - Maroc	/	https://jet2018.sciencesconf.org/
<i>Conception et Performances de Mains Mécaniques Articulées : Revue de l'Etat de l'Art</i>	A BOUACHARI, A HADDAD	International congress for applied mechanics- JET'2018	2-4 Mai 2018	Marrakech - Maroc	/	https://jet2018.sciencesconf.org/
<i>Alkali treatment leading to an enhancement of the mechanical properties of a new lignocellulosic fibre (Juncus effuses L.) subjected to tensile loading</i>	A. BEZAZI, M. MAACHE, F. SCARPA, G. GARCIA DEL PINO, A. DUFRESNE	4th International Conference on Mechanics of Composites (MECHCOMP4)	9-12 July 2018	Universidad Carlos III de Madrid, Spain	/	https://sites.google.com/a/gcloud.fe.up.pt/mechcomp2018madrid/
<i>Study of hybrid composites with chemically treated plant fibers and organophilic clay</i>	G. GARCÍA DEL PINO, A. BEZAZI, C. C.A SILVA, J. C. DE MACÊDO NETO, A. R. TORRES, M. DAS GRAÇAS DA SILVA VALENZUELA, A. C. KIELING, J. L. V. RIVERA, F. ROLANDO VALENZUELA DÍAZ	4th International Conference on Mechanics of Composites (MECHCOMP4)	9-12 July 2018	Universidad Carlos III de Madrid, Spain	/	https://sites.google.com/a/gcloud.fe.up.pt/mechcomp2018madrid/
<i>Morphological study and physico-chemical characterization of natural palm-phenix dactylifera fibers intended as insulation material</i>	A. HADDAD, H. KHELIFA, A. BEZAZI, H. BOUMEDIRI, F. SCARPA	4th International Conference on Mechanics of Composites (MECHCOMP4)	9-12 July 2018	Universidad Carlos III de Madrid, Spain	/	https://sites.google.com/a/gcloud.fe.up.pt/mechcomp2018madrid/

<i>Configuration de pré-saisie d'une main robotique d'un manipulateur mobile pour la saisie d'objets en environnement virtuel</i>	A. BOUACHARI, A. HADDAD	International Seminar in Industrial Engineering and Applied Mathematics- ISIEAM'2018	12-14 Octobre 2018	Univ20 Aout 1955, Skikda.	/	https://index.conferencesites.eu/conference/34427/international-seminar-in-industrial-engineering-and-applied-mathematics-isieam2018
<i>3D Printing and Control of an Articulated Mechanical Hand</i>	A. HADDAD, A. BOUACHARI, A. SID, I.E. MZIMEZ	The 3rd International Conference on Electromechanical Engineering- ICEE'2018	20-21 Novembre 2018	Univ20 Aout 1955, Skikda.	/	http://www.univ-skikda.dz/ICEE'2018
<i>Object Pre-Grasp Configuration of a Robot Articulated Hand in a Virtual Environment</i>	A. BOUACHARI, J.F. BRETHERÉ, A. HADDAD	4th International Conference on Signal, Image, Vision and their Applications	26-27 Novembre 2018	Univ 8 Mai 1945, Guelma	/	http://www.pimis.net/sival8/
<i>The elastic uniaxial properties of a centre symmetric honeycomb with curved cell walls: effect of density and curvature.</i>	A. HARKATI, A. BEZAZI, H. HARKATI, D. BOUTAGOUGA, F. SCARPA	International Conference on Advanced Materials Mechanics and Manufacturing (a3m'2018)	17-18 December 2018	Hammamet Tunisia	/	http://www.la2mp.org/a3m2018/
<i>Elaboration and Characterization of a Bio-composite Jute/polyester and its Components</i>	A. SAAIDA, A. BEZAZI, A. BELBAH, F. SCARPA	International Conference on Advanced Materials Mechanics and Manufacturing (a3m'2018)	17-18 December 2018	Hammamet Tunisia	/	http://www.la2mp.org/a3m2018/
<i>Morphological, thermal and physico-chemical properties of StepatenacissimaL. Fibers before and after alkali treatments</i>	A.T. MOUSSAI, A. BEZAZI, M. BRIOUA, F. SCARPA	International Conference on Advanced Materials Mechanics and Manufacturing (a3m'2018)	17-18 December 2018	Hammamet Tunisia	/	http://www.la2mp.org/a3m2018/

<i>Thermal behavior and Morphological Analysis of date palm fibre (Phoenix dactylifera L.).</i>	H. BOUMEDIRI, A. BEZAZI, A. HADDAD, G. GARCIA DEL PINO, F. SCARPA, A. DUFRESNE	4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)	19-21 December 2018	ISTANBUL - Turquie	/	http://icame2018conference.com/
<i>Alkali treatment effects on the physico-chemical and thermal characteristics of Alfa fibers</i>	A. T. MOUSSAI, A. BEZAZI, M. BRIOUA, F. SCARPA, A. DUFRESNE, H. BOUMEDIRI	4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)	19-21 December 2018	ISTANBUL - Turquie	/	http://icame2018conference.com/
<i>Experimental investigation of date palm leaflets and their composite under tensile loading</i>	N. BOUHEMAME, K.E. AIADI, A. BEZAZI, A. IMAD, C. HERBELOT, N. KRIBES, F. SCARPA	4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)	19-21 December 2018	ISTANBUL - Turquie	/	http://icame2018conference.com/
<i>Experiemental study of the mechanical behavior of polymer concretes under 3-point bending</i>	H. BOUCHELACHEM, A. BEZAZI, M. BOUMAZA, N. BENZENACHE., F. SCARPA	4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)	19-21 December 2018	ISTANBUL - Turquie	/	http://icame2018conference.com/
<i>Ritz's method in the analysis of the deflections' plates</i>	S. GUENFOUD, H. GHERDAOUI, SV. BOSAKOV, A. REZAIGUIA, DF. LAEFER	4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)	19-21 December 2018	ISTANBUL - Turquie	/	http://icame2018conference.com/
<i>Dynamic response of a multi-span, orthotropic bridge deck Under moving truck loading with tandem axles</i>	Y. FISLI, A. REZAIGUIA, S. GUENFOUD, D F. LAEFER, H. GHERDAOUI	4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)	19-21 December 2018	ISTANBUL - Turquie	/	http://icame2018conference.com/
<i>Modeling of a hybrid photovoltaic/thermal Zno-water nanofluid based collector</i>	C. OULD-LAHOUCINE, H. RAMDANI, H. KAIDOUCHI	4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)	19-21 December 2018	ISTANBUL - Turquie	/	http://icame2018conference.com/

<i>Application of the RSM approach for the modeling of cutting conditions in hard turning of X210Cr12 Steel</i>	A. LABIDI, N. KRIBES, H. TEBASSI, M.A YALLESE	<i>4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)</i>	<i>19-21 December 2018</i>	<i>ISTANBUL - Turquie</i>	/	<i>http://icame2018conference.com/</i>
<i>Comparative analysis of flank wear in hard turning using rsm and ann methods</i>	N. KRIBES, A. LABIDI, M. A.YALLESE	<i>4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)</i>	<i>19-21 December 2018</i>	<i>ISTANBUL - Turquie</i>	/	<i>http://icame2018conference.com/</i>
<i>Modelling and optimization of the cutting conditions in hard turning of X210Cr12 Steel using ANN and desirability approach</i>	A. LABIDI, N. KRIBES, H. TEBASSI, M.A YALLESE	<i>4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)</i>	<i>19-21 December 2018</i>	<i>ISTANBUL - Turquie</i>	/	<i>http://icame2018conference.com/</i>
<i>Mechanical behavior of a new cellular structure</i>	B. FNIDES, K. NABIL, H. AOUICI, S. BOUTABBA	<i>4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)</i>	<i>19-21 December 2018</i>	<i>ISTANBUL - Turquie</i>	/	<i>http://icame2018conference.com/</i>
<i>Simultaneously dma /impedance spectroscopy And dsc characterizations of curing prepreg Based epoxy rtm6 thermoset composite</i>	R. KSOURI, M. SALVIA, I. DJAGHOUT, N. KRIBES, R. MERDES, M. BENOUNIS	<i>4rd International Conference on Advances in Mechanical Engineering 2018 (ICAME2018)</i>	<i>19-21 December 2018</i>	<i>ISTANBUL - Turquie</i>	/	<i>http://icame2018conference.com/</i>

Communications nationales

<i>Les éco-matériaux agro-ressources face aux enjeux du développement durable</i>	H. KHELIFA, A. HADDAD, A. BEZAZI	ECOLFORMA2018ECO LFORMA,2018	18-19 Février 2018	UnivM'Hamed Bouara, Boumerdes	/	www.gralecc.webs.com
<i>Design of De Laval Nozzle Contours by Application of a Systematic Optimization Method</i>	A.HADDAD	11èmes Journées de Mécanique	10-11 Avril 2018	EMP, Bordj El-Bahri, Alger	/	www.emp.mdn.dz
<i>New design, concepts, modelling and elaboration of materials and structures having negative Poisson's ratio</i>	A. BEZAZI, H. HARKATI, F. SCARPA	7ème Séminaire National sur les Matériaux, Procédés et Environnement (SNMPE2018)	04 et 05 Décembre 2018	Boumerdes- Algérie	/	https://snmpe2018.wixsite.com/umbb