***0Liste des productions scientifiques* (publication, communication,....)**

***Année 2017.***

*LABORATOIRE****: GENIE CIVIL ET D'HYDRAULIQUE LGCH***

|  |
| --- |
| ***SPECIALITE:……GENIE CIVIL ET HYDRAULIQUE ………………………………………*** |
| ***Publications Internationales***  |
| ***Titre*** | ***Auteurs*** | ***Revue*** | ***Année*** | ***Volume*** | ***Page*** | ***URL*** |
| Characterization of eco-substituted cement containing waste ground calcined clay brick | Ghania Nigri , Yacine Cherait and Soraya Nigri | NRC | *2017* | Volume*44* |  | [www.nrcresearchpress.com](http://www.nrcresearchpress.com) |
| Improvement of the properties of a mortar with 5% of kaolin fillers in sand combined with meta kaolin brick waste and glass power in cement | Radhia Harbi, Riad Derabla , Zahreddine Nafa  | ELSEVIER | *2017* |  | *612-641* | *www.elsevier.com/locate/conbuildmat* |
| Behavior of pre-cracked deep beams with composite materials repairs | M.Boumaaza , A.Bezazi , H.Bouchelaghem N.Benzennache , S.Amziane and F.Scarpa | Structural Engineering and Mechanics  | *2017* | Volume 63  | 575-583 | *https://hal.archives-ouvertes.fr/hal-01631559* |
| Analyses of composite functionally graded material beam with anew transverse shear deformation function | Hamza Guenfoud Hassina Ziou Mohamed Guenfoud Mohamed Himeur  | Journal of Applied Engineering Science & Technology /JAEST-ISSN SECTION B: THERMAL, MECHANICAL AND MATERIALS ENGINEERING  | *2017* |  | 2352-9873 | https://www.asjp.cerist.dz/en/article/4476 |
| Behavior of Self compacting Concrete mixed with different additions at high -temperature | Mehdi Benzaid , Abdeaziz Benmarce  | Journal of Materials and Environmental Sciences ISSN:2028-2508 | *2017* | Volume 8,  | Page ,3081-3092 | *https://www.jmaterenvironsci.com/Journal/vol8-9.html* |
| Numerical Modeling of the fire behavior of reinforced concrete beam integrating the concrete cover lost by Spalling | Cherif Guergah Mohamed Salah Dimia and Mohamed Guenfoud  | Journal of Materials and Environmental Sciences ISSN:2028-2508 | *2017* | Volume 8,  | Page 3690-3705  | *https://www.jmaterenvironsci.com/Document/vol8/vol8\_N10/389-JMES-2852-Guergah.pdf* |
| Contribution to the Numerical Modeling of the Spalling phenomenon : Case of reinforced concrete beams | Cherif Guergah Mohamed Salah Dimia and Mohamed Guenfoud | Arab JSciEng DOI 10,1007/S13369-017-2704-y  | *2017* | Volume 43 | 1747–1759| | *https://link.springer.com/article/10.1007/s13369-017-2704-y* |
| Structural behaviour of concrete filled hollow steel sections exposed to parametric fire  | Mohamed Salah Dimia Soumia Sekkiou Mohamed Baghdadi Mohamed Guenfoud  | Challenge Journal of Structural Mechanics 3(1)(2017)52-57,classC | *2017* | Volume 3 |  |  <https://doi.org/10.20528/cjsmec.2017.02.004> |
| ***Numerical modeling of a Timoshenko FGM beam using the finite element method***  | ***Ziou Hassina Guenfoud Hamza Himeur Mohamed & Guenfoud Mohamed***  | ***Courrier du savoir No23,2017,UIF=1.1640,Nationale Classe C***  | ***2017*** | ***Volume 24*** |  | *http://revues.univ-biskra.dz/index.php/cds/article/view/2238* |
| Non-linear behaviour modelling of the reinforced concrete structures by multi-layer beam element  | Mourad Khebizi Hamza Guenfoud Mohamed Guenfoud  | Challenge Journal of Structural Mechanics 3(1)(2017)52-57 | *2017* | Volume 3 |  | *http://www.challengejournal.com/index.php/cjsmec/article/view/87* |
| Influence of the size and frequency of contact transducers on the determination of concrete permeability by ultrasonic velocity and attennuation  | A.Mehamdia A.H.Benouis  | Journal of Materials and Environment sciences  | *2017* | *Volume9*  | Page *730-740*  | http://www.jmaternvironsci.com |
| Repairing reinforced concrete slabs by composite materials  | M.Gherdaoui M.Guenfoud  | Journal of Materials and Environment sciences  | *2017* | *Volume9*  | Page*701-708* | http://www.jmaternvironsci.com |
| Probabilistic Approach to the Seismic Vulnerability of Reinforced Concrete Frame Structures by the Development of Analytical Fragility Curves  | Y.Menasri , M.S.Nouaouria , M.Brahimi | International Journal of Engineering  | *2017* | *Volume30* | *945-954* | <http://www.ije.ir/Vol30/No7/A/3.pdf> |
| ***Publications nationales***  |
| Numerical modeling of a Timoshenko FGM beam using the finite element method | Ziou Hassina Guenfoud Hamza Himeur Mohamed & Guenfoud Mohamed | Courier du savoir ,No 24 (Biskra),2017 | *2017* |  |  | <http://revues.univ-biskra.dz/index.php/cds/index> |
| ***Communications Internationales***  |
| Contribution a l'estimation de la perméabilité des bétons par les vitesses des ultrasons  | Benouis A,bdelhalim, Mehamdia Ali  | 2 nd International Congress on Materials & Structural Stability Rabat, Morocco, 22-24 November 2017 | *2017* |  |  | *https://www.researchgate.net/publication/280680205* |
| Reliability analysis of geotechnical risks  | Belabed Lazhar | 2 nd International Congress on Materials & Structural Stability Rabat, Morocco, 22-24 November 2017 | *2017* |  |  | http://www.jeaconf.org/UploadedFiles/Document/e58a665d-aa7e-4bd9-ba70-f75991682210.pdf |
| Un novel element fini de coque base sur le model en deformation  |  Mohamed Himeur Mohamed Guenfoud. Hassina Ziou | Conges Français de Mécanique 2017 28 Aout au 1er September 2017 , Lille Villeneuve d'Ascq, le 15/05/2017 | 2017 |  |  | <http://cfm2017.sciencesconf.org>  |
| Affect of renforcement fibres on the collapse potentiel of Cayley Sand  | Nouaouria Mohamed Salah |  2 nd International Congress on Materials & Structural Stability 2eme Congres International Matériaux et Stabilité Structurelle Rabat, Morocco, 22-25November 2017 | 2017 |  |  | http://www.jeaconf.org/UploadedFiles/Document/e58a665d-aa7e-4bd9-ba70-f75991682210.pdf |
| Feasibility of sand filters to wastewater treatment in rural areas of Algeria : Experimental study  | F.Bouteldja , M.Kherouf , A.Maoui P.Breul |  2nd International Conference on bio building materials &1st Conference on Ecological valorisation of Granular and fibrous materials 21-23 June 2017 Clermont -Ferrand, France | 2017 |  |  | https://www.researchgate.net |
| Improving the characteristics of a clay soil for use in road projects | F.Bouteldja E.Bensaifi M.S.Nouaouria P.Breul, A.Moui  | 2nd International Conference on bio building materials &1st Conference on Ecological valorisation of Granular and fibrous materials 21-23 June 2017 Clermont -Ferrand, France | 2017 |  |  | https://www.researchgate.net |
| Optimisation de l'interface des éléments de structures renforcés par des composites  | Rouaissia Y Cherait Y |  2 nd International Congress on Materials & Structural Stability 2eme Congres International Matériaux et Stabilité Structurelle Rabat, Morocco, 22-25November 2017 | 2017 |  |  | http://fsr.um5.ac.ma/cmss17/ |
| Modélisation de l'endommagement des structures en béton armé par des éléments finis multicouches  | Khebizi Mourad Guenfoud Hamza Guenfoud Mohamed  | Association Université de Génie Civil 23-24 Mai 2017 Nantes France | 2017 |  |  | https://www.researchgate.net/publication/324482617\_ |
| La contamination fécale sur la qualité des eaux de l'aquifère superficiel de Tamlouka ( Nord est Algérien)  | Guerroui .Y Maoui .A, Gherrieb.L | The 1st International Symposium (WREIANA2017)Water Ressources and Environnemental Impact Assessment in North Africa March 24-26, 2017 Gafsa  | 2017 |  |  | http://www.ugaf.rnu.tn/Colloque/colloque%20wreiana2017/Programme%20WREIANA2017-03-21.pdf |
| Etude des performances épuratoires d'un sable grossier par l'utilisation des roseaux  | Kherouf Mzouz Bouteldja Fathe Maoui Ammar  | 3rd Edition International Conférence on Ge spatial Technologies for Water Ressources GTWIII  | 2017 |  |  | https://www.researchgate.net/publication/324482617 |
| Contribution à la modélisation de l'endommagement des structure en béton armé  | Khebizi Mourad Guenfoud Hamza Guenfoud Mohamed  | 2 nd International Congress on Materials & Structural Stability 2eme Congres International Matériaux et Stabilité Structurelle 21-24 Novembre 2017 | 2017 |  |  | https://www.researchgate.net/publication/324482617 |
| A new shell finite element based on the strain approach with drilling rotation  | Hamza Guenfoud Mohamed Himeur and Mohamed Guenfoud  | CAM 2017 ,26-30 Nouvembre2017, Constantine, Algérie  | 2017 |  |  | http://www.cam-dz.org/home\_uc\_cam2017.html |
| An efficient finite element model for vibration analysis of the FGM non local based on Euler-bernoulli beam theory | H.Ziou H.Guenfoud .M.Himeur and M.Guenfoud  | CAM 2017 ,26-30 Nouvembre2017, Constantine Algérie  | 2017 |  |  | http://www.cam-dz.org/home\_uc\_cam2017.html |
| Etude comparative de l'influence de la méthode de construction d'un talus sur sa stabilité  | Lafifi Brahim | Rencontres Universitaires de Génie Civil , 22-24 Mai 2017 ,Nantes France | 2017 |  |  | https://rugc17.sciencesconf.org/ |
| Recherche de la position optimale des voiles  | Madi Rafik | Rencontres Universitaires de Génie Civil , 22-24 Mai 2017 ,Nantes France | 2017 |  |  | https://rugc17.sciencesconf.org/ |
| A thin flat shell finite element based on the strain approach with a true rotation  | Hamza Guenfoud Mohamed Guenfoud AbdesselamZergua Hassina Ziou and Mohamed Guenfoud  | Rencontres Universitaires de Génie Civil , 22-24 Mai 2017 ,Nantes France | 2017 |  |  | https://rugc17.sciencesconf.org/ |
| recyclés | Abdelmadjid Guenfoud Hamza and Guenfoud Mohamed | Rencontres Universitaires de Génie Civil , 22-24 Mai 2017 ,Nantes France |  |  |  | https://rugc17.sciencesconf.org/ |
| ***Communications nationales***  |
| Initial Investigation of Marly Clay So stabilisation with calcined eggshell and ground granulared blast furnace slag (GGBS) | Bensaifi Elamin Bouteldja Fathe Nouaouria M.SPreul Pierre | I NTERNATIONAL Symposium on Construction Management and Civil Engineering 15-16 Novembre 2017 Université 20 Aout 1955-Skikda , Algérie | *2017* |  |  | *http://ftech.univ-skikda.dz/index.php/* |
| The influence of the application of the Uniform Surcharge on the Maximum Reinforcement Loads and Horizontal Displacements of the Facing Panel  | Djebabla Wafa M.S.Nouaouria  | I NTERNATIONAL Symposium on Construction Management and Civil Engineering 15-16 Novembre 2017 Université 20 Aout 1955-Skikda Algérie | *2017* |  |  | *http://ftech.univ-skikda.dz/index.php/* |
| Etude de la stabilité des Fondations Superficielles par l'application de la Méthode cinématique des Solides Rigides de rupture  | M.BoutahirNée Bencheikh L.Belabed | I NTERNATIONAL Symposium on Construction Management and Civil Engineering 15-16 Novembre 2017 Université 20 Aout 1955-Skikda , Algérie  | *2017* |  |  | *http://ftech.univ-skikda.dz/index.php/* |
| Détermination de la capacité portante des pieux a partir de l'essai pressiométrique et l'essai au pénétromètre statique selon l'euro code 7  | Lafifi Brahim Messioud Seif Eddine  | I NTERNATIONAL Symposium on Construction Management and Civil Engineering 15-16 Novembre 2017Université 20 Aout 1955-Skikda , Algérie | *2017* |  |  | *http://ftech.univ-skikda.dz/index.php/* |
| Pré dimensionnement et Etude de la Stabilité des Ouvrages de Soutènement par les Méthodes Dynamiques  | Benamara Fatima Zohra Bouchair Abdelkrim, Amrouchi Abdessalem Belabed Lazhar  | I NTERNATIONAL Symposium on Construction Management and Civil Engineering 15-16 Novembre 2017 Université 20 Aout 1955-Skikda , Algérie | *2017* |  |  | *http://ftech.univ-skikda.dz/index.php/* |
| Effet des Additions Fines sur le Caractère des bétons Autoplaçants à l'état frais et Durcis (Cas du Filler Calcaire et du Laitier)  | Benzaid Mehdi,Benmarce Abdelaziz  | I NTERNATIONAL Symposium on Construction Management and Civil Engineering 15-16 Novembre 2017 Université 20 Aout 1955-Skikda , Algérie | *2017* |  |  | *http://ftech.univ-skikda.dz/index.php/* |
| Jointing and glulam of north African's Aleppo pin II.Shear strength of glued joint  | Zahreddine Nafa Faouzi Bouras Yacine Cherait | International Symposium on construction Management and Civil En November15-16‚2017-Skikda , Algérie | *2017* |  |  | *http://ftech.univ-skikda.dz/index.php/* |
| A new shell finite element based on the strain approach with drilling rotation | Hamza Guenfoud Mohamed Himeur and Mohamed Guenfoud | CAM 2017 ,26-30 Nouvembre2017, Constantine Algérie | *2017* |  |  | http://www.cam-dz.org/home\_uc\_cam2017.html |
| An efficient finite element model for vibration analysis of the FGM non local based on Euler-bernoulli beam theory | Hamza Guenfoud Mohamed Himeur and Mohamed Guenfoud | CAM 2017 ,26-30 Nouvembre2017, Constantine , Algérie | *2017* |  |  | http://www.cam-dz.org/home\_uc\_cam2017.html |