



البيانات الشخصية

Hossam A. M. ELAQRA		الاسم
		رقم الهوية
Ass. Prof		المهنة
Male		الجنس
22/05/1971		تاريخ الميلاد
Jabalya, Gaza		العنوان
Palestinian and French		الجنسية
Married		الحالة الاجتماعية
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المؤهلات العلمية

البدء - الانتهاء	مجال التخصص	اسم المؤهل	الدولة	المدينة	اسم الجامعة
2000-2004	Materials Science	Ph. D.	France	Lyon	INSA
1999-2000	Materials Science	Master	France	Lyon	INSA
1993-1996	Physics	BS	Lybia	Alkhoms	Nasser

الخبرات العلمية والإدارية

تاريخ الانتهاء	تاريخ البدء	الوظيفة	البلد	اسم الشركة/المؤسسة
C	Feb2017	Assistant professor	Palestine	University of Palestine (UP)
Feb2017	Aug2016	Director of Materials and Soil Laboratory	Palestine	University College of Sciences and Technology (UCST)
Aug2016	Feb2014	Assistant professor and researcher, Using Glass, Powder as cement replacement, project coordinator (project franco-palestinian)	Palestine	University College of Applied Sciences (UCAS)
Feb2014	Sept2012	Assistant professor	Palestine	University of Palestine (UP)
Jun2012	Mar2012	Scientific expert and research and development responsible on biobased materials in constructions	France	Constructions & bioressourcés, Maillot
Mar2012	Mar2010	Post doc , Recycling Concrete Project coordinator, (project franco-palestinian)	France	Ecole Nationale des Travaux Publics de l'Etat (ENTPE)
Mar2010	Jun2008	Post doc . project research on Expansion and microstructural developed in over-sulfated systems, manged by Karen Scrivener, Marie Curie Project.	Switzerland	Ecole Polytechnique Fédérale de Lausanne (EPFL),
Jun2008	Jan2007	Post doc , Recycling Concrete Project coordinator, (project franco-palestinian)	France	Ecole Nationale des Travaux Publics de l'Etat (ENTPE)
Jan2007	Jan 2006	Post doc , project in using the vegetable fibre (hemp) and MIOM (incineration rests) in construction.	France	Ecole Nationale des Travaux Publics de l'Etat (ENTPE)
Dec2004	Jul2004	Post doc , CEA (Commissariat à l'énergie atomique et aux énergies alternatives), flexion tests on ceramics at high temperature	France	INSA of Lyon

الكتب / المؤلفات / الأبحاث المنشورة

- H. ELAQRA**, M. Sharia, and R. El Guerjouma Analysis of damage on reinforced mortar by non destructive methods, Islamic University of Gaza, February 2015, Vol 23, No 1, pp. 38-45.
- H. ELAQRA**, Valorization of Recycled Aggregate in Concrete and Mortar, Part B: Using recycled fine aggregate as replacement for natural aggregates in mortar and as replacement of cement, Islamic University of Gaza, February 2015, Vol 23, No 1, pp 26-37.
- H. ELAQRA**, Valorization of Recycled Aggregate in Concrete and Mortar, Part A: Size Effect and microstructure Changes on mechanical behavior, Palestine University Journal, No. 7 - July 2014, pp. 30-51..
- H. ELAQRA** and K. Scrivener, Expansion and microstructural development in over-sulfated systems, pp. 556-561, RILEM, 63rd ANNUAL WEEK, Septembre 6-10, 2009 Haifa.
- H. ELAQRA**, N. GODIN, G. PEIX and al., Damage evolution analysis in mortar, during compressive loading using acoustic emission and X-ray tomography: Effect of sand/cement ratio, Cement and Concrete Research, N°:37, (2007), pp. 703-713.
- BEN TAHAR M., GRIFFA M., **ELAQRA H**, EL GUERJOUMA R., SCALERANDI M. - Hysteretic elasticity in damaged concrete: quantitative analysis of slow and fast dynamics - Physical Review B..2006 pp. 014116-1-10.
- F. SIMONIN, **H. ELAQRA**, C. OLAGNON et G. FANTOZZI « Thermal Conductivity and Mechanical Properties Related to Microstructure of a High Alumina Refractory Castable », le journal Silicates Industriels Volume 66 Nrs 03-04 March-April 2001.
- H. ELAQRA** and Laurent ARNAUD, Projet : Recyclage des matériaux de construction, 070923RaportIntCNOUS-LA in French
- L ARNAUD, D. SAMRI, **H. ELAQRA**, Hemp Lime Blocks, Amélioration des performances mécaniques du béton de chanvre, en vue de la préfabrication de briques industrielles, CONTRAT DE RECHERCHE, N° CNRS 04 W 453/50.0516/, Programme EURÉKA,

المؤتمرات العلمية

- H. ELAQRA** and L: Arnaud, Valorization of recycling concrete, Journée annuelles de Groupe Français de la Céramique (GFC), March 23-25, 2010 St Etienne, France.
- H. ELAQRA** and K. Scrivener, Expansion and microstructural development in over-sulfated systems, Journée annuelles de Groupe Français de la Céramique (GFC), March 23-25, 2010 St Etienne, France.
- H. ELAQRA** et K. Scrivener, Expansion and microstructural development in over-sulfated systems **partie 7** : finesse grain effect of cement in expansion, séminaire de Laboratoire, Janvier 26-29, 2010 Leysin, Switzerland.
- H. ELAQRA** et K. Scrivener, Expansion and microstructural development in over-sulfated systems **partie 6** : effet de C3A dans le ciment blanc sur l'expansion, sulfat attack workshop, Janvier 14-15, 2010 Lausanne, Switzerland.
- H. ELAQRA** and K. Scrivener, Expansion and microstructural development in over-sulfated systems, RILEM, 63rd ANNUAL WEEK, September 6-10, 2009 Haifa.
- H. ELAQRA** and K. Scrivener, Expansion and microstructural development in over-sulfated systems **5**, September 1-3, 2009, Vilars, Switzerland.
- H. ELAQRA** and L: Arnaud, recycling concrete, September 1-3, 2009, Vilars, Switzerland.
- H. ELAQRA** and K. Scrivener, Expansion and microstructural development in over-sulfated systems **4**, effect of added gypsum in microstructural development, Marie Curie project meeting, 16-17 jun, 2009, Aberdeen, Scotland.
- H. ELAQRA** and K. Scrivener, Expansion and microstructural development in over-sulfated systems **3**, effect of added gypsum in expansion, December, 8-12, 2009, Dusseldorf, Germany.
- H. ELAQRA** and K. Scrivener, Expansion and microstructural development in over-sulfated systems **2**, effect of curing in expansion, workshop in Expansive Mechanisms, November 11, 2008 Paris, France.
- H. ELAQRA** and K. Scrivener, Expansion and microstructural development in over-sulfated systems **1**, effect of demoulded time in expansion, workshop in Expansive Mechanisms in Marie Curie project, 25-26 august 2008, Morge, Switzerland.
- SHAIRA M., **ELAQRA H**, EL GUERJOUMA R. – Global approach of ultrasound and acoustic emission in controlling the damage in cement materials, Days of Cofrend, Beaune, France.
- H. ELAQRA**, N. GODIN, M. R'MILI and G. FANTOZZI « Investigation of damage in concrete under compression load using acoustic emission and X-ray tomography techniques », European International

Conference on Ceramics (CIEC9), Italy.

M. SHAIRA, **H. ELAORA**, R. ELGUERJOURA and P. GUY, « Global approach for ultrasonic structural health monitoring of concrete », CFA-DAGA-2004, Strasbourg, France.

H. ELAORA, M. R'MILI, N. GODIN et G. FANTOZZI « Effect of Interfacial Transition Zone in mortar^o», intervention en EUROMAT2003. European Congress on advanced material and processes, section Building material, Lausanne, .

H. ELAORA, M. R'MILI, N. GODIN, S. MAXIMILIEN et G. FANTOZZI « Tensile Strength in mortar correlation with microstructure », First Inter-discipline Congress in material science, Matériaux 2002 à Tours, France.

H. ELAORA, M. R'MILI, N. GODIN, S. MAXIMILIEN et G. FANTOZZI « Effect of sand on the tensile strength as reinforcing of cement past » intervention au European International Conference on Ceramics (CIEC8), Lyon, France.

H. ELAORA, F. SIMONIN, C. OLAGNON et G. FANTOZZI « Thermal Conductivity of refractor concrete, correlation with the microstructure », Days of refractory, organised by French Group of Ceramics (GFC),Ecole des Mines, Paris, France.

المهارات الخاصة

اسم المهارة	1
اسم المهارة	2
اسم المهارة	3

اللغات

مستوي القراءة	مستوي الكتابة	مستوي التحدث	اللغة
Native	Native	Native	Arabic
V. Good	V. Good	Excellent	English
V. Good	V. Good	Excellent	French

الدورات التدريبية

اسم الدورة	1
Sustainability of Cementitious Materials	
30h	مدتها
Dusseldorf, Germany 12/12/2008	مكان انعقادها
Innovation of cementitious materials	اسم الدورة
18 h	مدتها
Bergamo, Italy, 01/04/2009	مكان انعقادها
Early shrinkage in Cementitious Materials	اسم الدورة
12h	مدتها
Zurich, Sewitzerland, 03/02/2010	مكان انعقادها
transfert advances in cement hydration	اسم الدورة
12h	مدتها
Zurich, Sewitzerland, 13/01/2009	مكان انعقادها
sulfate attack and leaching	اسم الدورة
6h	مدتها
Paris, Frnace, 19/11/2008	مكان انعقادها
microstructrual charactrisation of cementintous materials	اسم الدورة

	18h	مدتها	
Lausane, Sewitzerland, 06/06/2008		مكان انعقادها	
sulfate attack		اسم الدورة	
	6h	مدتها	
Lausane, Sewitzerland, 14/01/2010		مكان انعقادها	
expansive processes		اسم الدورة	
	12h	مدتها	
Morges, Sewitzerland, 26/08/2008		مكان انعقادها	
hydration of C-S-H		اسم الدورة	
	6h	مدتها	
Dijon, France, 04/11/2008		مكان انعقادها	
Reducing early-age cracking of concrete today		اسم الدورة	
	18h	مدتها	
EMPA, Dubendorf, Sewitzerland, 03/07/2009		مكان انعقادها	

المعرفون				
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