



UNIVERSITÀ
DEGLI STUDI
DI MESSINA

Università degli Studi di Messina
UNMECLE - Dipartimento di Ingegneria
Prot. n. 30072 - 12/10/16
del 09/05/2016
Tit./Cl. VII/5 - Fascicolo _____

Dipartimento di Ingegneria

C.da Di Dio - Villaggio S. Agata - 98166 Messina - Italy

ESTRATTO DEL VERBALE DEL CONSIGLIO DEL DIPARTIMENTO DI INGEGNERIA

Il giorno 5 Maggio 2016 alle ore 15.30, su convocazione del Direttore si è riunito nell'Aula 325 il Consiglio del Dipartimento di Ingegneria per discutere e deliberare sul seguente ordine del giorno:

- 1) Comunicazioni;
- 2) Ratifica decreti;
- 3) Richiesta attivazione borsa di studio Prof. Aronica (Progetto Sistallert)
- 4) Richiesta attivazione borsa di studio Prof. S. Galvagno (Progetto Maginot);
- 5) Progetto Maginot: pagamento spese legali;
- 6) Rinnovo cultori della materia;
- 7) Convegno "Plinus Conference on Mediterranean Risk" (Prof. Aronica): autorizzazione a spese;
- 8) Richiesta conferimento titolo di Visiting Researcher al Dott. Emre Kara (richiedente Prof. Vincenzo Crupi);
- 9) Richiesta di trasferimento del Prof. Giovanni Crupi al Dipartimento di Scienze Biomediche, Odontoiatriche e delle Immagini Morfologiche e Funzionali;
- 10) Contratto c/terzi fra Dipartimento di Ingegneria e CAS per interventi di manutenzione sulle pavimentazioni stradali dei lotti 4 e 5 della tratta autostradale Catania-Siracusa gestita dal CAS;
- 11) Richiesta di aspettativa Prof. Giuseppe Tito Aronica;
- 12) Rinnovo RTD Prof. Giacomo Risitano;
- 13) Chiamata a Professore di II fascia Prof. Alessandro Pistone;
- 14) Chiamate dirette e concorsi liberi di II fascia (seduta ristretta a Proff. Ordinari ed Associati);
- 15) RTD di tipo "B": determinazioni;
- 16) RTD di tipo "A": determinazioni;
- 17) Varie ed eventuali.

ORDINE DEL GIORNO AGGIUNTIVO:

- 18) Reclutamento docenti esterni - art. 18 comma 4 Legge 240/2010.

Il Consiglio è composto da:

Docenti di I[^] Fascia

	Nominativo	presente	assente
1.	Arena Francesco		X
2.	Azzerboni Bruno	X	
3.	Bonanno Gabriele	X	
4.	Caddemi Alina	X	
5.	Cannistraro Giuseppe	X	
6.	Ciofi Carmine	X	
7.	Crupi Vincenzo	X	
8.	D'Andrea Antonino	X	
9.	Falsone Giovanni	X	
10.	Galvagno Signorino		X
11.	Ginatempo Beniamino		X
12.	Girlanda Raffaello		X
13.	Guglielmino Eugenio		X
14.	Lione Raffaella		X
15.	Milone Candida	X	
16.	Muscolino Giuseppe	X	
17.	Neri Giovanni	X	
18.	Primerano Patrizia	X	
19.	Proverbio Edoardo		X
20.	Puliafito Antonio	X	
21.	Ricciardi Giuseppe	X	
22.	Sili Andrea Mariano		X
23.	Testa Antonio		X
24.	Valenti Giovanna	X	

Docenti di II[^] Fascia

	Nominativo	presente	assente
1.	Arena Antonella		
2.	Aronica Giuseppe Tito	X	
3.	Borsellino Chiara	X	
4.	Borzi Giuseppe		X
5.	Bosurgi Gaetano		X
6.	Bruno Ezio	X	
7.	Cascone Ernesto	X	
8.	Cavallaro Stefano	X	

9.	Di Bella Beatrice	X	
10.	Di Gangi Massimo		X
11.	Donato Nicola		X
12.	Faraci Carla	X	
13.	Fiandaca Ornella	X	
14.	Martino Giovanna	X	
15.	Montanini Roberto		X
16.	Piccolo Antonio		
17.	Scarpa Marco Lucio	X	
18.	Villari Massimo	X entra 17,30	
19.	Visco Annamaria	X	
20.	Xibilia Maria Gabriella		X

Ricercaatori

	Nominativo	presente	assente
1.	Amato Roberto		X
2.	Arena Adriana	X	
3.	Arena Marina	X	
4.	Biondi Giovanni		X
5.	Bonaccorso Brunella	X	
6.	Bruneo Dario	X	
7.	Brusca Sebastian		X
8.	Calabrese Luigi	X	
9.	Campobello Giuseppe	X	
10.	Chinni Antonia		X
11.	Crupi Giovanni		X
12.	Cucinotta Filippo	X	
13.	D'Agui Giuseppina	X	
14.	De Caro Salvatore	X	
15.	Dolfin Marina	X	
16.	Epasto Gabriella	X	
17.	Espro Claudia	X	
18.	Galvagno Antonio	X	
19.	Garesci Francesca		X
20.	Giusi Gino	X	
21.	Iannazzo Daniela	X	
22.	Marchese Claudio	X	
23.	Milazzo Maria Francesca	X	
24.	Pellegrino Orazio		X
25.	Piperopoulos Elpida	X	

26.	Pistone Alessandro	X	
27.	Recupero Antonino		X
28.	Risitano Giacomo	X	
29.	Ruggiero Valerio		X
30.	Santoro Roberta		X
31.	Scandurra Graziella	X	
32.	Serrano Salvatore	X	
33.	Todesco Fabio	X	

Rappresentanti Personale tecnico-amministrativo

	Nominativo	presente	assente
1.	Altadonna Alessio	X	
2.	Fazio Marianna		X

Segretario Amministrativo

	Nominativo	presente	assente
1.	Siracusa Francesco	X	

Rappresentanti Studenti

	Nominativo	Presente	assente
1.	Aliberti Antonio		X
2.	Borzi Francesco	X	
3.	Bonanzinga Claudio	X	
4.	Bongiovanni Gaetano	X	
5.	Giacopello Mirko Alessandro		X
6.	Gugliotta Fabio Sebastiano		X
7.	Ingegneri Salvatore	X	
8.	La Corte Gabriele		X
9.	Lombardo Marco		X
10.	Meduri Martina		X
11.	Nobile Krizia Lorella Antonietta		X
12.	Tumino Riccardo	X	

Presiede il Prof. Ing. Antonino D'Andrea, assume le funzioni di Segretario il Segretario Amministrativo, Avv. Siracusa Francesco.

Il Direttore, constatata la presenza del numero legale, alle ore 15,50 dichiara aperta la seduta.

OMISSIS

8. RICHIESTA CONFERIMENTO TITOLO DI VISITING RESEARCHER AL DOTT. EMRE KARA (RICHIEDENTE PROF. VINCENZO CRUPI).

Il Direttore dà lettura della nota del Prof. Vincenzo Crupi (prot. n. 27804 del 26/04/2016), con la quale chiede di poter attivare le procedure per il conferimento del titolo di Visiting Researcher per il dott. Emre Kara, dottorando di ricerca presso la Hilit University (Turchia). Il dottorando, che ha già svolto un periodo di ricerca di 3 mesi presso il DIECII sotto la supervisione del Prof. Vincenzo Crupi, svolgerà ulteriore attività di ricerca al fine di poter completare le attività della sua tesi di dottorato (Relatore Prof. Halil Aykul) presso il Dipartimento di ingegneria dell'Università di Messina, sotto la supervisione del proponente, per un periodo di circa 3 mesi a decorrere dal 08/05/2016. Tutte le spese relative a tale periodo, comprese quelle di assicurazione, saranno a carico di Emre Kara e della sua Università.

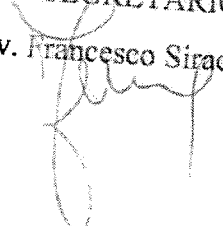
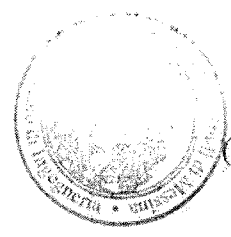
Il Direttore propone al Consiglio di deliberare in merito alla proposta del Prof. Crupi.

Il Consiglio all'unanimità approva.

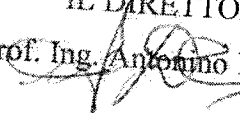
OMISSIS

Essendo stati trattati tutti i punti all'o.d.g., alle ore 18,20 il Direttore dichiara chiusa la seduta. Del che il presente verbale, letto, approvato e sottoscritto seduta stante per le parti deliberative.

IL SEGRETARIO
 (Avv. Francesco Siracusa)

IL DIRETTORE
 (Prof. Ing. Antonino D'Andrea)




CV AND LIST OF PUBLICATIONS

*BIOGRAPHY

Name and Surname : Emre KARA

Date of Birth : 09.07.1987

Date of Issue : 06.04.2016

Education Degree : MSc



Degree	Department	University	Year
PhD	Mechanical Engineering	Hitit University	2012-To Date
MSc	Mechanical Engineering	Hitit University	2009-2012
BSc	Mechanical Engineering	Gazi University	2005-2009

Title of MSc Thesis and Supervisor : Investigation of Mechanical Behaviours of Metal Foam Cored Sandwich Composites Formed By Various Fiber Orientations / Prof. Dr. Halil AYKUL

Title of PhD Thesis and Supervisor : Production of the Sandwiches Having Cellular Cores Manufactured via Selective Laser Sintering and Their Mechanical Behaviors / Prof. Dr. Halil AYKUL

*ACADEMIC EXPERIENCES

Position Title	Place of Duty	Year
Research Assistant	Hitit University/Department of Mechanical Engineering	2009-To Date

*SIGNIFICANT RESEARCH AND DEVELOPMENT (R&D) PROJECTS

Project Title	Supporter	Year	Role
Improvement of Brake and Control System Units of Low Velocity Impact Test Machine	Hitit University	2010-2012	Researcher
Ballistic Vest Production with Fiber and Ceramic Reinforced Sandwich Composites and Their Tests	Hitit University	2013-2014	Researcher
Investigation of Thermal Loaded Static Behavior of The Sandwiches Which Have Porous Cores Produced Via Selective Laser Sintering Method	Hitit University	2014-2015	Researcher
Composite Material Production via Vacuum Infusion and Their Mechanization Tests	Hitit University	2014-2015	Researcher
Production of the Sandwiches Having Cellular Cores Manufactured via Selective Laser Sintering and Their Mechanical Behaviors	Hitit University	2014-To Date	Researcher
Production of Various Cellular Core Structures via Additive Manufacturing and The Investigation of Dynamic Behaviour of the Sandwiches Formed with These Structures	Hitit University	2014-To Date	Researcher

*MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Organization	Year
European Society for Composite Materials (ESCM)	2012-To Date

*PUBLICATIONS

A. Articles Published in International Peer Reviewed Journals:

A1. V. Crupi, E. Kara, G. Epasto, E. Guglielmino, H. Aykul "Theoretical and experimental analysis for the impact response of glass fibre reinforced aluminium honeycomb sandwiches", Journal of Sandwich Structures and Materials, 2016, DOI: 10.1177/1099636216629375

A2. A. Kurşun, E. Kara, H. Aykul, M. Şenel, İ. Ağır "Impact response of sandwiches with open-cell casting metal foam and GFRP skins", Advances in Materials and Processing Technologies, 2016, <http://dx.doi.org/10.1080/2374068X.2016.1147795>

A3. Emre Kara, Ahmet F. Geylan, Kadir Koç, Şura Karakuzu, Metehan Demir, Halil Aykul, "Flexural Performance of the Sandwich Structures Having Aluminum Foam Core with Different Thicknesses", World Academy of Science, Engineering and Technology, International Journal of Chemical, Nuclear, Materials and Metallurgical Engineering, International Science Index, 9(5), pp. 742-747, 2015.

A4. Emre Kara, Şura Karakuzu, Ahmet F. Geylan, Metehan Demir, Kadir Koç, Halil Aykul, "An Investigation on the Sandwich Panels with Flexible and Toughened Adhesives under Flexural Loading", World Academy of Science, Engineering and Technology, International Journal of Mechanical, Aerospace, Industrial and Mechatronics Engineering, International Science Index, 9(5), pp. 651-658, 2015.

A5. E. Kara, A. Kurşun, M. R. Haboğlu, H. M. Enginsoy, H. Aykul "Fatigue behavior of adhesively bonded glass fiber reinforced plastic composites with different overlap lengths", Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2015, DOI: 10.1177/0954406214559111

A6. V. Crupi, E. Kara, G. Epasto, E. Guglielmino, H. Aykul, Prediction model for the impact response of glass fibre reinforced aluminium foam sandwiches, International Journal of Impact Engineering, Volume 77, March 2015, Pages 97-107, ISSN 0734-743X, <http://dx.doi.org/10.1016/j.ijimpeng.2014.11.012>.

A7. Kurşun, A., Kara, E., Uygun, R., Aykul, H., (2014), Compressive behaviour of glass fiber reinforced aluminium foam, The Online Journal of Science and Technology, Volume 4, Issue 1/ 21-26.

A8. Kurşun, A. ; Kara, E. ; Çetin, E. ; Aksoy, Ş. ; Kesimli, A. (2014), 'Mechanical and Thermal Stresses in Functionally Graded Cylinders', World Academy of Science, Engineering and Technology, International Science Index, International Journal of Mechanical, Aerospace, Industrial and Mechatronics Engineering, 8(2), pp. 301 - 306.



B. Papers Presented in International Scientific Conferences and Published in Conference Proceedings:

B1. Emre Kara, Şura Karakuzu, Ahmet F. Geylan, Metehan Demir, Kadir Koç, Halil Aykul, "An Investigation on the Sandwich Panels with Flexible and Toughened Adhesives under Flexural Loading", ICMETA 2015: 17th International Conference on Mechanical Engineering: Theory and Application, 17(5) Part I, pp. 71-78, 5-6th May, Rome/ITALY.

B2. Emre Kara, Ahmet F. Geylan, Kadir Koç, Şura Karakuzu, Metehan Demir, Halil Aykul, "Flexural Performance of the Sandwich Structures Having Aluminum Foam Core with Different Thicknesses", ICMETA 2015: 17th International Conference on Mechanical Engineering: Theory and Application, 17(5) Part I, pp. 79-84, 5-6th May, Rome/ITALY.

B3. Emre Kara, Metehan Demir, Şura Karakuzu, Kadir Koç, Ahmet F. Geylan, Halil Aykul, "Mechanical Behavior of Sandwiches with Various Glass Fiber/Epoxy Skins under Bending Load", ICMETA 2015: 17th International Conference on Mechanical Engineering: Theory and Application, 17(5) Part I, pp. 85-90, 5-6th May, Rome/ITALY.

B4. Kara E., Crupi V., Epasto G., Guglielmino E., Aykul H. "Flexural Behaviour of Glass Fiber Reinforced Aluminium Honeycomb Sandwiches in Flatwise and Edgewise Positions" 16th European Conference on Composite Materials (ECCM16), pp. 1-8, 22-26th June 2014, Seville/SPAIN.

B5. Kurşun, A. ; Kara, E. ; Çetin, E. ; Aksoy, Ş. ; Kesimli, A. (2014), 'Mechanical and Thermal Stresses in Functionally Graded Cylinders', ICTCM 2014, Phuket, Thailand, 1/120-125.

B6. Emre Kara, Halil Aykul, Ali Kurşun, Mustafa R. Haboğlu, Ahmet Çini "Low Velocity Impact Response of Sandwiches with Aluminium Foam Core and Carbon Fiber/Epoxy Composite Skins", The Composites and Advanced Materials Expo (CAMX 2014), 13-16th October 2014, Orlando/USA.

B7. Mustafa R. Haboğlu, Ali Kurşun, Emre Kara, Erhan Çetin, Halil Aykul "Investigation of the Effect of Temperature on the Mechanical Properties of E-Glass Fiber Reinforced Composites", The Composites and Advanced Materials Expo (CAMX 2014), 13-16th October 2014, Orlando/USA.

B8. Ali Kurşun, Emre Kara, Mustafa R. Haboğlu, Yasin Can, Halil Aykul "Compressive Behavior Of Sandwiches Consisting E-Glass Fiber/Epoxy Composite Skins And Open-Cell Magnesium Foam Core", The Composites and Advanced Materials Expo (CAMX 2014), 13-16th October 2014, Orlando/USA.

B9. Halil Aykul, Emre Kara, Ali Kurşun, Mustafa Reşit Haboğlu, Ahmet Çini, "Flexural Behaviour of Carbon Fiber Reinforced Aluminium Foam Cored Sandwiches", Advances in Materials & Processing Technologies (AMPT 2014), 17-20th November, Dubai/UAE.

B10. Ali Kurşun, Emre Kara, Halil Aykul, Mehmet Şenel, İnan Ağır, "Impact Response of Sandwiches with Open Cell Casting Metal Foam and GFRP Skins", Advances in Materials & Processing Technologies (AMPT 2014), 17-20th November, Dubai/UAE.



B11. Kara E., Crupi V., Epasto G., Guglielmino E., Aykul H. "Mechanical Behaviour of Glass Fiber Reinforced Aluminium Honeycomb Sandwiches" 19th International Conference on Composite Materials (ICCM19), pp. 4259-4268, 28th July-02 August 2013, Montreal/CANADA.

B12. Kurşun A., Kara E., Uygun R., Aykul H., Topçu M. "Fonksiyonel Derecelendirilmiş Dönen Disklerde Termal Elasto-Plastik Gerilme Analizi" International Science and Technology Conference (ISTEC 2013), 25-27th June 2013, Rome/ITALY.

B13. Uygun R., Kurşun A., Kara E., Aykul H., Topçu M. "Fe-C Partikül Takviyeli Metal Matrisli Kompozitlerin Mekanik Davranışlarının İncelenmesi" International Science and Technology Conference (ISTEC 2013), 25-27th June 2013, Rome/ITALY.

B14. Kurşun A., Kara E., Uygun R., Aykul H. " Compressive Behaviour of Glass Fiber Reinforced Aluminium Foam" International Science and Technology Conference (ISTEC 2013), 25-27th June 2013, Rome/ITALY.

B15. Kara E., Crupi V., Epasto G., Guglielmino E., Aykul H. "Low Velocity Impact Response of Glass Fiber Reinforced Aluminium Foam Sandwich" 15th European Conference on Composite Materials (ECCM15), pp. 1-8, 24-28th June 2012, Venice/ITALY.

B16. Kara E., Aykul H., Sayman O., Özyılmaz E., Özdin K. " Elastic-plastic and Residual Stress Analysis in Simply Supported Thermoplastic Composite Beams under A Transverse Uniformly Distributed Load " International 2nd International Symposium on Computing in Science and Engineering (ISCSE 2011), pp. 939-948, 01-04th June 2011, Kuşadası/TURKEY.

B17. Özyılmaz E., Aykul H., Sayman O., Kara E. "On Static Behaviour of Dental Implants Under Different Load Directions" International Conference of Mechanical Engineering 2010 (ICOME2010), pp. 221-224, 27-30th April 2010, Craiova/ROMANIA.

B18. Aykul H., Sayman O., Özyılmaz E., Kara E. "An Elastic-Plastic Stress Analysis in a Woven Steel Reinforced Thermoplastic Cantilever Beam Loaded Uniformly" International Conference of Mechanical Engineering 2010 (ICOME2010), pp. 321-332, 27-30th April 2010, Craiova/ROMANIA.

B19. Kara E., Aykul H., Sayman O., Özyılmaz E. " Elastic, Plastic and Residual Stress Analysis in Symmetric Thermoplastic Laminated Plates Under Various Temperature Change Through The Thickness: Analytical Solution " International Conference of Mechanical Engineering 2010 (ICOME2010), pp. 405-416, 27-30th April 2010, Craiova/ROMANIA.

C. Papers Presented in National Scientific Conferences and Published in Conference Proceedings:

C1. Kurşun A., Kara E., Aykul H., Topçu M. "Fonksiyonel Derecelendirilmiş Silindirlerde Termal Elastik Gerilme Analizi" XVII. Ulusal Mekanik Kongresi, 26-30 Ağustos 2013, Manisa/TÜRKİYE.

C2. Kurşun A., Kara E., Aykul H., Topçu M. "Fonksiyonel Derecelendirilmiş Dönen Silindirlerde Elastik Gerilme Analizi" XVII. Ulusal Mekanik Kongresi, 26-30 Ağustos 2013, Manisa/TÜRKİYE.