



Eğitim ve Kültür

Leonardo da Vinci



Ulusal Ajans

CURRICULUM VITAE

Name
Address
Telephone
Fax
E-mail

Nationality

Date of birth and Place

PERSONAL INFORMATION

ÖMER EKŞİK

TÜBİTAK MARMARA RESEARCH CENTER MATERIAL INSTITUTE, P.K. 21, 41470, GEBZE, KOCAELİ, TURKEY

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omer.eksik@tubitak.gov.tr

Turkish

1973 - İSTANBUL



WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

June 2006 - present

Tübitak Marmara Research Center Material Institute

Research and Development
Chief Senior Researcher, Dr.
Research and Consulting

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

February 2008 – 2009

University of Delaware, Center of Composite Materials, DE, USA

Institute

Research Assistant

☐ Investigated Developed new optimization methods for Vacuum Assisted Process

☐ Investigated Developed Experimental Method for Continuous Measurement of In-Plane Fabric Permeability by using Air Flow

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

February 2000- July 2001

BETOCIM Ready-Mix Concrete LTD, Istanbul

Construction Engineering

Quality Engineer

Contributed to the growth and maintenance in design and manufacturing

WORK EXPERIENCE

- Dates (from – to) July 1997 - July 1999
- Name and address of employer **TURKISH SHIPBUILDING INDUSTRY, PENDİK SHİPYARD, ISTANBUL**
- Type of business or sector Shipbuilding Industry
- Occupation or position held Design Engineer
- Main activities and responsibilities Involved in multidisciplinary design environment, working closely with design teams, construction of 5500 dwt RO-RO Ship

EDUCATION AND TRAINING

- Dates (from – to) 2001-2005
- Name and type of organization providing education and training University of Southampton, Lightweight Structural Group, Ship Science., Southampton, UK
- Principal subjects/occupational skills covered Finite Element Analysis, Design of Experiment , Damage Analysis of Fiber Reinforced Composites
- Title of qualification awarded Ph.D
- Level in national classification In the top 10 in UK (if appropriate)

EDUCATION AND TRAINING

- Dates (from – to) 1997-1999
- Name and type of organization providing education and training İstanbul Technical University, Naval Architecture and Ocean Engineering, İstanbul, Turkey
- Principal subjects/occupational skills covered Finite Element Analysis, Fast Patrol Boat Design
- Title of qualification awarded Master
- Level in national classification In the top 3 in Turkey (if appropriate)

EDUCATION AND TRAINING

- Dates (from – to) 1991-1995
- Name and type of organization providing education and training İstanbul Technical University
- Principal subjects/occupational skills covered Naval Architecture and Ocean Engineer
- Title of qualification awarded Engineer
- Level in national classification In the top 3 in Turkey (if appropriate)

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE

TURKISH

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

SOCIAL SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

ORGANISATIONAL SKILLS AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

TECHNICAL SKILLS AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

ARTISTIC SKILLS AND COMPETENCES

Music, writing, design, etc.

OTHER SKILLS AND COMPETENCES

Competences not mentioned above.

DRIVING LICENCE(S)

ENGLISH

EXCELLENT

EXCELLENT

EXCELLENT

EXCELLENT INTERPERSONAL SKILLS AND COMPABILITY WITH MULTIDISCIPLINARY TEAMS OF PEOPLE WITH DIFFERENT CULTURE AND BACKGROUND. UK & USA EXPERIENCE GAVE ME AN EXCELLENT OPPORTUNITY TO BE IN SUCH AN ENVIRONMENT

OUTSTANDING ORGANISATIONAL AND COMMUNICATION SKILLS IN DIRECTING PROJECTS, MEETING CUSTOMER DEADLINES, AND BUDGETRY REQUIREMENTS ETC.

EXTENSIVE COMPUTER USAGE AND KNOWLEDGE SKILLS

IMAGINATION

MENTOR , EASY GOING

Yes

PUBLICATIONS

JOURNAL PAPERS

1. **Experimental validation of post-filling flow in vacuum assisted resin transfer molding processes** By: Simacek, Pavel; **Eksik, Omer**; Heider, Dirk; et al. COMPOSITES PART A- Applied Science And Manufacturing Volume: 43 Issue: 3 Pages: 370-380 Published: MAR 2012
2. **Ömer Eksik**; R. Ajit Shenoj; Stuart S. J. Moy; Han Koo Jeong, “**Experiments on Top-Hat-Stiffened Panels of Fiber Reinforced-Plastic Boat Structures**”, Marine Technology, Volume 44 Number 1 January 2007, pp: 1-16
3. **Ömer Eksik**; R. Ajit Shenoj; Stuart S. J. Moy; Han Koo Jeong, “**Finite Element Analysis of Top-Hat-Stiffened Panels of Fiber Reinforced-Plastic Boat Structures**”, Marine Technology, Volume 44 Number 1 January 2007, pp: 16-27
4. **Eksik, Ö.**, Shenoj, R.A, Blake, J.I.R and Jeong H.K, “**Damage Mechanisms of Hat-shaped GRP Beams**”, Journal of Reinforced Plastic & Composites, Vol: 23, No:14, 2004

CONFERENCE PAPERS

1. **Ömer EKSİK**, Levent Turhan, Enver Yalçın “**Low Velocity Impact Behavior Of VARTM Manufactured Plain-Woven E-Glass/Polyester Composites**”, SAMPE BALTIMORE , USA, 18 May 2015,
2. S. Chandrabalan, **Ö. Eksik**, H. Deffor, P. Simacek, J.W. Gillespie, Jr., S. Advani, and D. Heider “**Pressure Behavior during Vacuum Assisted Processing (VAP)**” SAMPE Fall Technical Conference, Kansas, USA, October 2009
3. **Ö. Eksik**, P. Schulze, J. W. Gillespie, Jr., and D. Heider “**An Experimental Method for Continuous Measurement of InPlane Fabric Permeability as a Function of Compaction Pressure using Air Flow**” 1st Joint Canadian & American Technical Conference, University of Delaware, September, 2009
4. Turhan, L., **Eksik, Ö.**, Yalcin, E.B., Demirural, A., Baykara, T., Gunay, V., “**Computational Simulations and Ballistic Verification Tests for 7.62mm AP and 12.7mm AP Bullet Impact Against Ceramic Metal Composite Armors**”, Tenth International Conference on Structures Under Shock and Impact, 14 - 16 May 2008, Algarve, Portugal
5. **Eksik, Ö.**, Shenoj, R.A, Moy, S.S.J and Jeong H.K, “**Flexural Behavior of Top Hat Stiffened GFRP Plate Panels**” Proceedings of the ACMC/SAMPE Conference on Marine Composites, University of Plymouth, UK, 11-12 September,2003
6. **Ömer EKSİK**, Levent Turhan, Enver Yalçın “**The Investigation of Behavior Of Laminated Composite Structures Under Low Velocity Impact Loading Using Experimental Method**” NATO AVT-211 Workshop On Understanding Failure Mechanisms Of Composites For Sustaining & Enhancing Military System Structures, , 2013.
7. **Ömer EKSİK**, Levent Turhan, Enver Yalçın “**İki Katmanlı (Alümina Seramik ve Alüminyum 2024-T3) Plakalarda LS-DYNA ile Yüksek Hızda Çarpma-Penetrasyon Analizleri**” FİGES Kullanıcıları Konferansı 13-15 2006, Bolu
8. L.TURHAN, **Ö.EKSİK**, E.B.YALÇIN, et al., “**Seramik-Metal Zırlarda Balistik Performans Testleri ve Ls-dyna Simülasyonları**”, 12.Bilgisayar Destekli Mühendislik ve Sistem Modelleme Konferansı”, FİGES A.Ş., 12-14 Kasım 2007, Antalya

BOOK SECTION

1. **Ömer EKSİK**, Levent Turhan, Enver Yalçın, Experimental And Numerical Investigation of Advanced Materials And Structures “**Numeric Simulation of the Penetration of 7.62 mm Armor Piercing Projectile Into Ceramic/Composite Armor**” ISBN: 978-3-319-00506-5, Sweden: Springer International Publishing, 13 August 2013.

ADDITIONAL INFORMATION

REFREES

Prof. Dr. Ajit Shenoj,
Thesis Advisor, Department of Ship Science,
r.a.shenoj@ship.soton.ac.uk,
+44 (0) 2380 59 4888, University of Southampton
Southampton, UK

Prof. Dr. Stuart Moy,
Thesis Co-Advisor, Department of Civil Engineering,
ssjm@soton.ac.uk,
+44 (0) 2380 59 2846, University of Southampton
Southampton, UK

Assoc. Prof. Dr. Temel Kotil,
General Manager of Turkish Air Industry,
temel.kotil@tai.com.tr
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Ankara, Turkey

ANNEXES

ACTIVITIES

- Memberships: SOCIETY FOR ADVANCEMENT OF MATERIAL AND PROCESS ENGINEERING (SAMPE),
The Chamber of the Naval Architects and Marine Engineer
Interests: Soccer, Tennis, Basketball, Traveling,

AWARDS

- Islamic Development Bank scholarship for Post-Doctoral study in US, Oct 2008-2009
- Best academic record award in Naval Architect and Ocean Engineering, ITU, 1995