

## Assoc. Prof. İsmail Çiçek

### Personal Information

**Email:** cicekism@itu.edu.tr

**Other Email:** ism@drcicek.com

**Web:** <http://akademi.itu.edu.tr/cicekism/>

**Address:** İTÜ Denizcilik Fakültesi Postane Mah. Sahilyolu Cad. İTÜ DETAM / GTTM (Test Merkezi) Binası. 2. Kat Tuzla, İstanbul

### International Researcher IDs

**ScholarID:** SD6PwYIAAAAJ

**ORCID:** 0000-0003-4850-1747

**Publons / Web Of Science ResearcherID:** B-4090-2018

**ScopusID:** 6602352402

**Yoksis Researcher ID:** 168550

### Biography

Dr. İsmail Çiçek was graduated from the Marine Engineering Department of Istanbul Technical University (ITU) in 1990. He received his Master of Science diploma in 1995 and Ph.D. in 1999 from the Mechanical Engineering Department at Texas Tech University. He was involved in the development of many national and international projects and programs in Turkey, including the establishment of the Simulator Center at ITU Maritime Faculty (ITUMF) Marine Equipment Test Center (METC) at ITUMF, and the International Dual-Diploma Program between the State University of New York and ITU Maritime Faculty.

Dr. Cicek gained engineering and leadership experience in the United States Department of Defence projects and programs as systems development engineer for 15 years between 1997 and 2012. Dr. Cicek led the development of various engineering systems for platforms including C-5, C-17, KC-10, KC-135, and C-130 E/H/J. Dr. Cicek's experience includes unmanned aerial vehicle development where he utilized the Geographical Information Systems (GIS) and Malfunction Data Recorder Analysis Recorder System (MADARS) development. He received many critical awards at the positions he served, due to the excellent team-work and his detail oriented and energetic personality. These include Terra Health's Superior Client Award in 2009 and Engineering Excellence Award in 2010 as well as an appreciation letter from the USAF Aeronautical Systems Center (ASC), signed by the commander in charge.

Dr Cicek is currently teaching at Istanbul Technical University Maritime Faculty, Tuzla, Istanbul. His main research interest is the development of ship simulators for use in education and training of students as well as officers working on-board ships.

Dr Cicek developed Ship Engine Room Simulator (SERS) through nationally funded projects in Turkey. The SERS is now certified by an IACS member classification society, Class NK, and several institutions started using the SERS in their marine engineering education can training.

### Education Information

Doctorate, Texas Tech University, College of Engineering, Mechanical Engineering, United States Of America 1995 - 1999

Postgraduate, Texas Tech University, College of Engineering, Mechanical Engineering, United States Of America 1993 - 1995

Undergraduate, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, Turkey 1986 - 1990

## Foreign Languages

English, C2 Mastery

## Certificates, Courses and Trainings

Technology Management/Management of Technology, MIL\_STD-810 Ürün Testleri Eğitimi, TRTEST Test ve Değerlendirme A.Ş., 2021

Technology Management/Management of Technology, RTCA-DO-160 Ürün Testleri Eğitimi, TRTEST Test ve Değerlendirme A.Ş., 2021

Vocational Training, Vibrations Testing Training Certificate, United Marine Engineering, Inc., Istanbul, 2020

Occupational Health and Safety, Working with Chemical Materials and Packaging, United Marine Engineering, Inc., Istanbul, Turkey, 2020

Technology Management/Management of Technology, ISO 17025:2017 General requirements for the competence of testing and calibration laboratories, ARTIBEL Certification Tech Contr. Monitoring and Training, Inc., 2020

Vocational Training, Intermediate Bulk Carrier (IBC) Container Requirements and Tests, ARTIBEL Certification Tech Contr. Monitoring and Training, Inc., 2019

Occupational Health and Safety, Hazardous Material (HAZMAT) Technical Response Training, EPS Maritime Environmental Services, Inc., 2019

Vocational Training, Periodic and Random Vibrations, EPS Maritime Environment Services, Inc., 2019

Quality Management, 17025:2012 General requirements for the competence of testing and calibration laboratories, ARTIBEL Certification Tech Contr. Monitoring and Training, Inc., 2016

Technology Assessment, TS EN ISO/IEC 17043:2010 Conformity Assessment. General Requirements For Proficiency Testing, UAC Engineering Test and Training Services, 2013

Data Analysis, TS ISO 13528: 2003 Statistical methods for use in proficiency testing by interlaboratory comparison, UAC Mühendislik Test ve Eğitim Hizmetleri, 2013

New Service Design, ISO/IEC GUIDE 25: General requirements for the competence of calibration and testing laboratories, UAC Engineering, Test and Training Services, 2013

New Service Design, TS EN ISO/IEC 17025 Documentation Training, Turkish Standards Institute, 2013

Innovative Product Design, FAA Certification Procedures & Airworthiness Requirements, Kansas University in Cooperation with College of Engineering, 2011

New Product Development, Mechanical Event Simulation, ALGOR, 2008

New Product Development, ALGOR Professional, ALGOR, 2008

New Product Development, Certified LabVIEW Associate Developer, National Instruments Corporation, 2006

New Product Development, Java Programming, HOTT, Hands on Technology Transfer, Inc., 2005

Vocational Training, Instructor's Training on the Use of Engine Room Simulators in Accordance with STCW 95 Requirements, International Maritime Organization, 2003

Vocational Training, Technical & Maintenance Training Course for Propulsion Plant Simulator PPS , Kongsberg Norcontrol, Horten, Norway, 2001

Vocational Training, Instructor Training Course for Propulsion Plant Simulator (PPS), Kongsberg Norcontrol, Horten, Norway, 2001

Occupational Health and Safety, IMO STCW Personnel Safety and Social Responsibility Course Certificate, Istanbul Technical University, 2000

Project Management, Fundamentals of Successful Project Management, Texas Tech University, 1998

New Product Development, MIL-STD-1553 Standard, Test Systems, Inc. (by Leroy Earhart), 1997

New Product Development, LabVIEW Advanced, National Instruments Corporation, 1997  
Foreign Language, Certificate of Proficiency in English, Spring Hill College, 1992  
Vocational Training, IMO STCW Fire Fighting (Yangınla Mücadele) Course Certificate, Ministry of Transportation, Republic of Turkey, 1990  
Occupational Health and Safety, IMO STCW First Aid at Sea Course Certificate, Ministry of Transportation, Republic of Turkey, 1990  
Occupational Health and Safety, IMO STCW Efficient Life Boatmen Course Certificate, Ministry of Transportation, Republic of Turkey, 1990  
Occupational Health and Safety, IMO STCW Survival at Sea Course Certificate, Ministry of Transportation, Republic of Turkey, 1990

## **Dissertations**

Doctorate, Random Vibration Absorbers for Mechanical Structures Under Random Vibrations, Texas Tech University, College of Engineering, Mechanical Engineering, 1999

## **Research Areas**

Information Systems, Communication and Control Engineering, Control and System Engineering, Control Systems and Instrumentation, Computer Sciences, Software, Simulation Optimization, System Dynamics, Mechanical Engineering, Machine Theory and Dynamics, System Dynamics and Control, Vehicle Systems Dynamics, Robotics, Mechatronics, Mechanical Vibrations, Ship Machines, Aeronautical and Space Engineering, Engineering and Technology

## **Academic Titles / Tasks**

Assistant Professor, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, 2012 - Continues  
Assistant Professor, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, 2000 - 2003  
Research Assistant, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, 1991 - 2000

## **Academic and Administrative Experience**

Director of the Center, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, 2020 - Continues  
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, 2018 - 2022  
Fakülte Akademik Kurul Üyesi, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, 2018 - 2021  
Deputy Head of Department, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, 2000 - 2003  
Fakülte Yönetim Kurulu Üyesi, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, 2000 - 2003

## **Courses**

Engine Room Simulator II (ERS II) (GMI 484E), Undergraduate, 2020 - 2021  
Denizcilik Çalışmaları Uygulamalı Proje Yönetimi, Postgraduate, 2020 - 2021  
Ship Control Systems, Postgraduate, 2020 - 2021, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Mechanical Vibrations, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Automatic Control Systems (ITUMF BSc Program), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018,

2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Automatic Control Systems (ITUMF-Suny BSc Program), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Engine Room Simulator II (ERS II) (GMI 482E; GMI 483E), Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Automatic Control Systems (ITU Cyprus BSc Program), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016

Engine Room Simulator I (ERS I), Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Ship Electrical Systems, Undergraduate, 2020 - 2021, 2019 - 2020

Maritime Technology&Innovation, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

Denizcilikte Tek.&Yenilik Yön., Postgraduate, 2018 - 2019

Gemi Elektroteknîği I, Undergraduate, 2018 - 2019

Otomatik Kontrol Sistemleri, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Marine Electronics, Undergraduate, 2018 - 2019

Marine Auxiliary Machinery I, Undergraduate, 2017 - 2018, 2016 - 2017

Gemi Yardımcı Makineleri I, Undergraduate, 2017 - 2018, 2016 - 2017

Engineering Design Process, Undergraduate, 2017 - 2018, 2016 - 2017

Vibrations of Marine Eng. Syst (GMI 410E; GMI 413E), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013

Marine Auxiliary Machinery II, Undergraduate, 2017 - 2018

Engine Room Simulator I (ERS I), Undergraduate, 2015 - 2016, 2013 - 2014

Introduction to Marine Engineering and Ethics, Undergraduate, 2013 - 2014

Introduction to Marine Engineering and Ethics, Undergraduate, 2013 - 2014

Fluid Mechanics, Undergraduate, 2014 - 2015

Fluid Mechanics, Undergraduate, 2014 - 2015

Fluid Mechanics (GMI 261E), Undergraduate, 2014 - 2015, 2012 - 2013

Propeller and Shafting, Undergraduate, 2013 - 2014

Propulsion and Shaft Systems, Undergraduate, 2013 - 2014

Mechanical Vibrations of Marine Engines and Propulsion Systems, Doctorate, 2013 - 2014, 2012 - 2013

Maritime English I, Undergraduate, 2012 - 2013

Material Science, Undergraduate, 2012 - 2013

Introduction to Marine Engineering, Undergraduate, 2012 - 2013

## Advising Theses

Çiçek İ., Kimyasal Tankerlerde Tank Yıkama Operasyonları, Doctorate, T.Güler(Student), Continues

Çiçek İ., Yenilenebilir Enerji Kaynakları Kullanan Sıfır Emisyonlu Bir Deniz Aracı için Sistem Mühendisliği Yöntemleri ile Sevk Sistemleri Tasarımı, Doctorate, S.Nomak(Student), Continues

Çiçek İ., Gemiler İçin COLREG ile Uyumlu Otonom Çatışmadan Kaçınma Çalışması, Doctorate, H.UĞURLU(Student), 2023

Çiçek İ., MODELING AND ANALYSIS OF MAN OVERBOARD AND SEARCH AND RESCUE OPERATIONS, Doctorate, O.GÖNEL(Student), 2023

Çiçek İ., Potential benefits of satellite-based automatic identification system in the context of intelligent transportation systems, Postgraduate, B.ŞAN(Student), 2019

Çiçek İ., İnşa edilmiş geminin yerli katkı oranının belirlenmesi ve milli ürün kavramı, Postgraduate, C.GÖRKEM(Student), 2019

Çiçek İ., Fiziksel test sonuçlarının kök sebep çalışması ile ürün iyileştirme süreçlerine etkisi (İTÜ-GTTM'de yapılmış bir uygulama), Postgraduate, M.BABAOĞLU(Student), 2017

Çiçek İ., Ship Propulsion System Design for a Simulator Application, Postgraduate, N.GÖRENER(Student), 2015

Çiçek İ., Modelling and Simulation of a Two Stroke Ship Main Diesel Engine , Postgraduate, Ç.DERE(Student), 2015

## Designed Lessons

Çiçek I., Applied Project Management, Postgraduate, 2020 - 2021  
Çiçek İ., Ship Electrical Systems, Undergraduate, 2019 - 2020  
Çiçek İ., Bilgili A., Mekanik Titreşimler, Undergraduate, 2018 - 2019  
Çiçek I., Maritime Technology and Innovation, Postgraduate, 2013 - 2014  
Çiçek I., Deniz C., Engine Room Simulator II, Undergraduate, 2002 - 2003  
Çiçek I., Deniz C., Engine Room Simulator I, Undergraduate, 2002 - 2003

## Taught Courses And Trainings

Çiçek İ., Çelik M., Çiçek K., Gürel O., Biçen S., Şenol Y. E., IMO Model Course 6.10 Training of Simulator Trainers , 2020 - 2020

## Research Infrastructure Information

Çiçek I., Kandemir I., Seyhan A., Gönel O., Satır T., Arslan Ö., Marine Equipment Test Center (METC), February 2020

## Education Infrastructure Information

Çiçek I., Deniz C., Gönel O., Kandemir I., Seyhan A., ITU Marine Equipment Test Center (METC), March 2017  
Çiçek I., Ship Engine Room Simulator Development Lab., May 2015  
Çiçek İ., Automatic Control Systems Lab., September 2001

## Designed Programs

Çiçek İ., Undergraduate, Birbirinden Bağımsız Çoklu Diploma, ITUMF/SUNY Dual Diploma License Program, Marine Engineering License Program, 2003 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Multicriteria emergency decision for responding to man overboard casualties: A proposed procedure developed using Binary Logistics Regression and General Linear Models**  
Gönel O., Çiçek I.  
OCEAN ENGINEERING, vol.265, pp.1-10, 2022 (SCI-Expanded)
- II. **Analysis and assessment of ship collision accidents using Fault Tree and Multiple Correspondence Analysis**  
Ugurlu H., Çiçek İ.  
OCEAN ENGINEERING, vol.245, 2022 (SCI-Expanded)
- III. **Safe-to-Fly Test and Evaluation of Fatigue Research Study Test Devices**  
Cicek I., Serres J. L.  
AVIATION SPACE AND ENVIRONMENTAL MEDICINE, vol.85, no.4, pp.473-479, 2014 (SCI-Expanded)
- IV. **The transdisciplinary product development lifecycle model**  
Gumus B., Ertas A., Tate D., Cicek I.  
JOURNAL OF ENGINEERING DESIGN, vol.19, no.3, pp.185-200, 2008 (SCI-Expanded)
- V. **Experimental investigation of beam-tip mass and pendulum system under random excitation**  
Cicek I., Ertas A.

MECHANICAL SYSTEMS AND SIGNAL PROCESSING, vol.16, no.6, pp.1059-1072, 2002 (SCI-Expanded)

- VI. **Non-linear vibration absorber for a system under sinusoidal and random excitation: Experiments**  
Cuvalci O., ERTAS A., Ekwaro-Osire S., Cicek I.  
JOURNAL OF SOUND AND VIBRATION, vol.249, no.4, pp.701-718, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Yenilenebilir Enerji Kaynakları ile Sıfır Emisyonlu bir Yelkenli Tekne Tasarımı ve Seyir Simülasyonları**  
Nomak S., ÇİÇEK İ.  
Çevre, İklim ve Sürdürülebilirlik, vol.1, no.1, pp.41-54, 2022 (Peer-Reviewed Journal)
- II. **Maritime Investigation Reports Involving Man-Over-Board (MOB) Casualties: A Methodology for Evaluation Process**  
Gönel O., Çiçek İ.  
Turkish Journal of Maritime and Marine Sciences, vol.5, no.2, 2019 (Peer-Reviewed Journal)
- III. **STANDART TEST PERVANESİ ANALİZLERİ İLE HESAPLI AKIŞKANLAR DİNAMİĞİ ANALİZ ALTYAPISININ DOĞRULANMASI**  
Yilmaz N., Çiçek İ.  
Journal of Engineering Sciences and Design, vol.6, no.4, pp.681-690, 2018 (Peer-Reviewed Journal)
- IV. **Tankerlerde Yükleme-Tahliye Operasyon Sisteminin Otomasyonu**  
Altun M. H. A., ÇİÇEK İ., BİLİCİ A.  
Journal of Eta Maritime Science, vol.1, no.2, pp.47-58, 2014 (ESCI)
- V. **A NEW PROCESS FOR THE ACCELERATION TEST AND EVALUATION OF AEROMEDICAL EQUIPMENT FOR U.S. AIR FORCE SAFE-TO-FLY CERTIFICATION**  
ÇİÇEK İ., BEİSNER G.  
Defence Acquisition Review Journal, vol.85, pp.484-507, 2014 (Peer-Reviewed Journal)
- VI. **Automated troubleshooting tools for minimizing downtime and reducing the labor and material costs of C-5 aircraft**  
ÇİÇEK İ., VİLLAREAL C.  
AUTOTESTCON 2004, PROCEEDINGS, pp.504-510, 2004 (Peer-Reviewed Journal)
- VII. **A comparative study of training methods for training and education of marine engineering students of IAMU Universities**  
Çiçek İ., Deniz C., Takashi N.  
International Association of Maritime Universities Journal, no.2, pp.5-11, 2002 (Peer-Reviewed Journal)
- VIII. **Baseline Study, and the Preparation Towards the XXIst Century Undergraduate Deck and Engine Curricula of Istanbul Technical University, Maritime Faculty**  
Çiçek İ., Sağ O. K.  
IAMU Journal, vol.1, no.2, pp.50-67, 2000 (Peer-Reviewed Journal)
- IX. **Design and Development of a New Integrated Communication System for C-5 Galaxy Aircraft**  
ÇİÇEK İ., Schafer D.  
Transactions of the SDPS. Journal of Integrated Design & Process Science, vol.2, no.4, pp.41-51, 1998 (ESCI)

## Books & Book Chapters

- I. **STATISTICAL ANALYSIS OF MAN OVER BOARD (MOB) INCIDENTS**  
GÖNEL O., ÇİÇEK İ.  
in: Engineering and Architecture Sciences: Theory, Current Research, and New Trends , Emine Yıldız Kuyrukçu, Editor, IVPE Yayınevi, Cetinje, pp.146-173, 2020
- II. **INVESTIGATION OF MAN OVER BOARD (MOB) INCIDENTS: FINDINGS AND DISCUSSIONS**

Çiçek İ., Gönel O.

in: Engineering and Architecture Sciences: Theory, Current Research, and New Trends / 2, Emine Yıldız Kuyrukçu, Editor, IVPE Yayınevi, Cetinje, pp.174-189, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **Maritime Investigation Reports: The Necessity of Revision and Renewal of the IMO's Code for Incident Investigation**  
Gönel O., Çiçek İ.  
10th International Scientific Research Congress, Ankara, Turkey, 11 - 12 April 2021, pp.1-10
- II. **Investigation of Issues in Tank Cleaning Operations and a Proposal of an Automated System for Improvement in Tank Cleaning System**  
Güler T., Çiçek İ., Şahin O. A.  
Global Maritime Conference 2019, İzmir, Turkey, 18 - 19 April 2019, pp.1-15
- III. **Maritime Investigation Reports Involving Man-Over-Board (MOB) Casualties: A Methodology for Evaluation Process**  
Gönel O., Çiçek İ.  
Global Maritime Conference 2019, İzmir, Turkey, 18 - 19 April 2019, pp.1-15
- IV. **Development of an Electrical Generation, Control, Distribution, and Management System for Use in Education and Training of Marine Engineers**  
Çiçek İ.  
International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018
- V. **Human Errors on Chemical Tanker Loading Discharging Operations**  
Altun M. H. A., Kum S., Çiçek İ.  
IAMU AGA-15, Tazmanya, Australia, 27 - 30 October 2014
- VI. **Milli İmkanlar ile Optimum Pervane Tasarımı ve Üretimi**  
Alvar M., Çiçek İ.  
5. Ulusal Denizcilik Kongresi, İstanbul, Turkey, 11 November 2013
- VII. **A Comparative Study of Training Methods for Training and Education of Marine Engineering Students of IAMU Universities**  
ÇİÇEK İ., Nakazawa T., DENİZ C.  
International Association for Maritime Universities (IAMU) Second General Assembly, 3-7 October 2001, Kobe, Japan, 11 November 2013
- VIII. **Pervane Tasarımı ve Enerji Verimliliği**  
Şaylan M., ÇİÇEK İ., Kılıçarslan A.  
5. Ulusal Denizcilik Kongresi, İstanbul, Turkey, 11 November 2013
- IX. **İstanbul Teknik Üniversitesi ITU Gemi Makine Dairesi Simülatörü MDS Geliştirilmesi İçin Yol Haritası**  
Çiçek İ., Dere Ç., Durmuşoğlu Y.  
V.Ulusal Denizcilik Kongresi (GEMİMO), İstanbul, Turkey, 11 November 2013
- X. **DTMB 4119 Standard Test Pervanesi ile CFD Altyapısının Validasyonu**  
Yılmaz N., Çiçek İ., Şaylan M.  
5. Ulusal Denizcilik Kongresi, İstanbul, Turkey, 11 November 2013, pp.69-76
- XI. **Gemi İtme Sistemi Çalışmalarında Hesaplamalı Direnç Analizleri**  
Topçu S., Çiçek İ.  
5. Ulusal Denizcilik Kongresi, İstanbul, Turkey, 11 November 2013
- XII. **İstanbul Teknik Üniversitesi Gemi Teçhizatı Test Merkezi kurulum gereksinimi ve kabiliyetleri**  
Deniz C., Baş M., Çiçek İ.  
TMMOB Gemi Makineleri İşletme Mühendisleri Odası V. Ulusal Sempozyumu, İstanbul, Turkey, 11 November 2013, pp.302



- XIII. **Automated troubleshooting tools for minimizing downtime and reducing the labor and material costs of C-5 aircraft**  
Villareal C., ÇİÇEK İ.  
AUTOTESTCON 2004, PROCEEDINGS, San-Antonio, Northern Mariana Islands, 20 - 23 September 2004, pp.504-510
- XIV. **Integration of Marine Engineering Simulators into Maritime Engineering Education**  
Çiçek İ.  
First General Assembly of The Chamber of Marine Engineers of Turkey, İstanbul, Turkey, 22 May 2003, pp.8-27
- XV. **Human Factor in the Engine Room Operation: Experimental Approach and Evaluation**  
Çiçek İ., Kuşoğlu A., Uchida M.  
First General Assembly of The Chamber of Marine Engineers of Turkey, İstanbul, Turkey, 22 May 2003
- XVI. **Marine Engineering Education in XXIth Century and ITU/SUNY International Maritime University Dual Diploma Program**  
SAĞ O. K., ÇİÇEK İ.  
First General Assembly of The Chamber of Marine Engineers of Turkey, İstanbul, Turkey, 22 May 2003
- XVII. **Improvement of Marine Engineering Curriculum Using The Engine Room Simulator**  
Uchida M., ÇİÇEK İ.  
International Association for Maritime Universities (IAMU) Third General Assembly, Castine, United States Of America, 26 September 2002
- XVIII. **Vibration Considerations for the Installation of Portable Equipment on Military Aircraft**  
ÇİÇEK İ., Ertas A.  
Society for Design and Process Science (SDPS) Integrated Design & Process Technology (IDPT) Symposium on System Design and Software Engineering, İzmir, Turkey, 26 June 2002
- XIX. **ITUMF Maritime English Education & Training Model**  
BAŞ M., ÇİÇEK İ., SAĞ O. K.  
International Seminar on Maritime English Conference and Proceedings, İstanbul, Turkey, 20 March 2002, pp.183-197
- XX. **The Effective Training Method for Marine Engineers: Ships in Service, Training Ships or Engine Room Simulators**  
Nakazawa T., Çiçek İ., Deniz C., Kuşoğlu A.  
International Conference on Engine Room Simulators V (ICERS V): Simulator Aided Education & Training in the New Millennium, 25 - 29 June 2001., Singapore, Singapore, 25 June 2001
- XXI. **Baseline Study, and the Preparation Towards the XXIst Century Undergraduate Deck and Engine Curricula of Istanbul Technical University, Maritime Faculty**  
SAĞ O. K., ÇİÇEK İ.  
International Association for Maritime Universities (IAMU) Inaugural General Assembly, İstanbul, Turkey, 26 June 2000, pp.114-129
- XXII. **Experimental investigation of beam-tip mass and pendulum system under random excitation**  
ÇİÇEK İ., ERTAS A.  
IMAC-XVIII: A CONFERENCE ON STRUCTURAL DYNAMICS, VOLS 1 AND 2, PROCEEDINGS, San-Antonio, United States Of America, 7 - 10 February 2000, vol.4062, pp.1618-1624
- XXIII. **The Vital Link: Using LabVIEW to Develop the Ground Processing Interface System (GPIS) Software for the C-5 Galaxy Aircraft**  
ÇİÇEK İ.  
National Instruments (NI) Week 1998 [Poster Presentation & Proceedings recorded in a CD], Austin, United States Of America, 24 August 1998
- XXIV. **Design of a new MIL-STD-1553B Based Integrated Communication System for Replacement of a Legacy System**  
ÇİÇEK İ., Schafer D., Feller J.  
The Third Biennial World Conference on Integrated Design and Process Technology (IDPT), Berlin, Germany, 06 July 1998



## Other Publications

- I. **Ship Energy Efficiency**  
Çiçek İ.  
Presentation, pp.1-13, 2015
- II. **Vibration Considerations for the Installation of Portable Computer Equipment on Military Aircraft**  
Çiçek İ.  
Presentation, pp.1-37, 2004

## Expert Reports

- I. **TECHNICAL REPORT OF THE KARPOWERSHIP'S UNDERWATER RADIATED NOISE (URN) EVALUATION: INITIAL RESEARCH, STRUCTURAL ASSESSMENT, AND FIELD TEST PLAN**  
Çiçek İ.  
Karadeniz Holding, pp.54, İstanbul, 2021
- II. **Joint Enroute Care Equipment Test Standard**  
Çiçek İ., Eshelman B.  
United States Department of Defence, pp.33, Ohio, 2012

## Supported Projects

Çiçek İ., Ondül E., TUBITAK Project, ARFLEET: Smart and Safet Maritime Fleet Management Platform, 2020 - 2021

Çiçek İ., Çakır Ö., TUBITAK Project, Open Sea and Ocean Wave Energy Converter System Design and Prototype Development, 2020 - 2021

Çiçek İ., Kandemir İ., Seyhan A., Gönel O., Arslan Ö., Satır T., Tansel Büyükçelebi B., Development Agency, Marine Equipment Test Center (METC): Expanding the Test and Research Capabilities for Globalization of the Transportation and Logistics Sectors, 2018 - 2021

Çiçek İ., Project Supported by Higher Education Institutions, Gemi Dizel Motoru Verim Ölçme Sistemi Geliştirilmesi, 2014 - 2021

Çiçek İ., Project Supported by Higher Education Institutions, Gemi Makine Diaresi Simülatörü (MDS) Tasarım ve Geliştirilmesi, 2013 - 2021

Çiçek İ., Gedik N., TUBITAK Project, Gemi Elektrik Güç, Kontrol ve İzleme Sistemleri Tasarımı ve Eğitim Simülasyonu Geliştirilmesi, 2017 - 2018

Çiçek İ., TUBITAK Project, Konteyner Tipli Gemiler için Makine Dairesi Sistemleri Modüler Simülasyonlarının Geliştirilmesi , 2015 - 2017

Çiçek İ., Bilici A., Lee H., FP7 Project, MINImizing Carbon footprint in maritime sHIPping operations (MINI-CHIP), 2013 - 2017

Çiçek İ., Deniz C., Dere Ç., Çiçek K., Çelik M., Industrial Thesis Project, Design and Simulation of Ship Main Engine and Propulsion System, 2014 - 2016

Çiçek İ., Toptaş B., Avci A. G., Governorship, Combined Software Platform for use in Unmanned Vehicles, 2014 - 2015

Çiçek İ., Deniz C., Kuşoğlu A., Nakazawa T., Sağ O. K., Yurtören C., TICA-JICA Cooperation Program Supported Project, JICA Project on Improvement of Maritime Education in the Republic of Turkey, 2000 - 2005

## Patent

Çiçek İ., TANK YIKAMA YÖNTEMİ VE BU YÖNTEME UYGUN OLARAK ÇALIŞAN ENTEGRE BİR SİSTEM, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Recourse Number: B01D 21/00 , Standard Registration, 2019

## Design

Çiçek İ., Ship Engine Room Simulator (SERS), Graphic Design / Moving Graphic Design, November 2020

## Activities in Scientific Journals

IAMU Journal, Editor, 2000 - 2003

## Memberships / Tasks in Scientific Organizations

Society for Design and Process Science, Member, 1995 - Continues, United States Of America

Chamber of Marine Engineers of Turkey, Member, 1990 - Continues, Turkey

TMMOB Gemi Makineleri İşletme Mühendisleri Odası, Associate Member, 2000 - 2003, Turkey

## Scientific Refereeing

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, ÇİZGİ TEKNOLOJİ ELEKTRONİK TASARIM VE ÜRETİM A.Ş. (İSTANBUL), Turkey, June 2020

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, IWROBOTX YAZILIM LİMİTED ŞİRKETİ, Turkey, April 2020

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, IWROBOTX YAZILIM LİMİTED ŞİRKETİ, Turkey, April 2020

Ministry of Transport, T.C. Ulaştırma Denizcilik ve Haberleşme Bakanlığı, Turkey, June 2014

## Scientific Consultations

CTECH Tech Bilişim Teknolojileri Ticaret Ltd. Şti., Scientific Consultancy, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, Turkey, 2017 - 2018

THY Teknik, Scientific Consultancy, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, Turkey, 2017 - 2017

International Mobile Satellite Organisation (IMSO), Scientific Consultancy, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, Turkey, 2015 - 2016

Femsan Elektrik Motorları San. ve Tic. A.Ş., Scientific Consultancy, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, Turkey, 2015 - 2015

Türkiye Lokomotif ve Motor San. A.Ş (TÜLOMSAŞ), Scientific Consultancy, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, Turkey, 2015 - 2015

MILPER Milli Pervane Teknolojileri A.Ş., Project Consultancy, Turkey, 2012 - 2014

## Tasks In Event Organizations

Çiçek İ., İTÜDF & TÜBİTAK BİLGEM İLTAREN Denizcilik Teknolojileri Semineri, Workshop Organization, İstanbul, Turkey, Aralık 2013

Çiçek İ., Sağ O. K., Savaş S., The First General Assembly of Marine Engineers of Turkey, Scientific Congress, İstanbul, Turkey, Mayıs 2003

Çiçek İ., Sağ O. K., International Seminar on Maritime English (March 2002), Scientific Congress, İstanbul, Turkey, Mart 2002

Çiçek İ., Sağ O. K., International Seminar on Maritime English, Scientific Congress, İstanbul, Turkey, Mart 2002

Çiçek İ., Sağ O. K., The Inaugural General Assembly of IAMU, Scientific Congress, İstanbul, Turkey, Haziran 2000

## Metrics

Publication: 51

Citation (WoS): 43

Citation (Scopus): 88

H-Index (WoS): 3

H-Index (Scopus): 4

## Congress and Symposium Activities

KUDENFOR Denizcilik Çalıştayı, Invited Speaker, İstanbul, Turkey, 2016

SinerjiTürk 2014, Invited Speaker, İzmir, Turkey, 2014

## Invited Talks

Öğrenci Tasarım Projeleri: Bilgilendirme ve Suüstü Aracı Gösterisi, Seminar, Piri Reis Üniversitesi, Turkey, April 2019

AR-GE Projeleri Test ve Doğrulama Süreçlerinde Analiz Yöntemleri, Seminar, Figes AR-GE Günleri, Turkey, July 2013

## Awards

Çiçek İ., Güler T., Şahin O. A., Best Paper Award, 11. Global Conference On Innovation In Marine Technology And The Future Of Maritime Transportation, April 2019

Çiçek İ., İnsansız Suüstü Araçları Yarışması, Deniz Harp Okulu, May 2016

Çiçek İ., Superior Client Service Award, Terra Health, Inc., September 2010

Çiçek İ., Letter of Appreciation, 13 July 2010, presented by USAF Colonel Gray, Wn/Cc, Wright-Patterson Afb, Oh, July 2010

Çiçek İ., Outstanding Performance Award, Terra Health, Inc., September 2009

Çiçek İ., 2009 Team of the Year Award, USAF Aeromedical Test Laboratory, United States Department Of Defense, Asc Awards, August 2009

Çiçek İ., Excellence Award, Ground Processing Interface System, Onboard Software, Inc., April 2003

Çiçek İ., First Place Award, International Olympics, Anatolia Soccer Team Captain, Texas Tech University, Lubbock, Texas, September 1996., Texas Tech University, September 1996

Çiçek İ., Second Place Award among 1990 BS graduates from Marine Engineering Dept, ITU Maritime Faculty, İtÜ Denizcilik Fakültesi, July 1990

## Entrepreneurship Activities

Limited, GDS Mühendislik ARGE San. Tic Ltd. Şti, 14 May 2014, Founder Owner

## Representation and Promotion Activities

Institutional Representation, Japanese International Cooperation Agency (JICA), Japan, Kobe, 1999 - 2003

Institutional Representation, Kongsberg Norcontrol, Norway, Bergen, 2000 - 2000

## Non Academic Experience

GDS Mühendislik ARGE San. Tic. Ltd. Şti

MILPER Pervane Teknolojileri A.Ş.

State Agency, Department of Defense, Test Lab.

MİLLÎ SAVUNMA BAKANLIĞI

Company, Airsurveil, Inc., Engineering

Company, MTC Technologies, Inc., R&D

Onboard Software, Inc.

Company, OnBoard Software, Inc., Engineering

Company, OnBoard Software Inc., R&D

Other Public Institution, D.B. Deniz Nakliyat T.A.Ş., Onboard Ship

DB Deniz Nakliyatı TAŞ