

**Dr İsmail Çiçek**  
**Yayın, Bildiri, ve Sunumlar**

**PUBLICATIONS - Maritime Education and Training**

- **Cicek, I.;** "*Integration of Marine Engineering Simulators into Maritime Engineering Education,*" The Proceedings of the First General Assembly of The Chamber of Marine Engineers of Turkey, 22 May 2003, Istanbul, TURKEY, pp. 8-27.
- **Cicek, I.;** Kusoglu, A.; Uchida, M.; "*Human Factor in the Engine Room Operation: Experimental Approach and Evaluation,*" The Proceedings of the First General Assembly of The Chamber of Marine Engineers of Turkey, 22 May 2003, Istanbul, TURKEY, pp. 56-73.
- Sag, O.K. and **Cicek, I.;** "*Marine Engineering Education in XXIth Century and ITU/SUNY International Maritime University Dual Diploma Program,*" The Proceedings of the First General Assembly of The Chamber of Marine Engineers of Turkey, 22 May 2003, Istanbul, TURKEY, pp. 1-7.
- **Cicek, I.** and Uchida, M.; "*Improvement of Marine Engineering Curriculum Using The Engine Room Simulator,*" International Association for Maritime Universities (IAMU) Third General Assembly, 26 – 29 September, 2002, Castine, Maine, USA.
- **Cicek, I.;** Kusoglu, A.; Uchida, M.; "*Human Factors in the Engine Room Operations: Experimental Approach and Evaluation,*" The Proceedings of the First General Assembly of The Chamber of Marine Engineers of Turkey, 22 May 2003, Istanbul, TURKEY, pp. 56-73
- **Cicek, I.,** Nakazawa, T., Deniz, C., and Kusoglu, A; "*A Comparative Study of Training Methods for Training and Education of Marine Engineering Students of IAMU Universities,*" International Association of Maritime Universities (IAMU) Journal, Volume 2, Number 1, March 2002.
- Bas, M., **Cicek, I.,** Er, D., Sag, O. K.; "*ITUMF Maritime English Education & Training Model,*" International Seminar on Maritime English, Conference Proceedings, pp. 183-197, 20-22 March 2002, Istanbul, Turkey.
- **Cicek, I.,** Nakazawa, T., Deniz, C., and Kusoglu, A; "*A Comparative Study of Training Methods for Training and Education of Marine Engineering Students of IAMU Universities,*" International Association for Maritime Universities (IAMU) Second General Assembly, 3-7 October 2001, Kobe, Japan
- Nakazawa, T., Deniz, C., and **Cicek, I.;** "*A Proposal for Marine Engineering Institutions to Organize the Effective Training Method,*" SNAME 24th Annual Journal, Society of Naval Architects & Marine Engineers, Singapore, 2000/2001.
- Nakazawa, T., **Cicek, I.;** Deniz, C., and Kusoglu, A; "*The Effective Training Method for Marine Engineers: Ships in Service, Training Ships or Engine Room Simulators,*" International Conference on Engine Room Simulators V (ICERS V): Simulator Aided Education & Training in the New Millennium, 25 – 29 June 2001.
- Sag, O. K. and Cicek, I.; "*Baseline Study, and the Preparation Towards the XXIst Century Undergraduate Deck and Engine Curricula of Istanbul Technical University, Maritime Faculty,*" IAMU Journal, vol. 1, no. 2, pp. 50-67.

## PUBLICATIONS - Maritime Education and Training

- Sag, O.K. and **Cicek, I.**; "*Baseline Study, and the Preparation Towards the XXIst Century Undergraduate Deck and Engine Curricula of Istanbul Technical University, Maritime Faculty,*" International Association for Maritime Universities (IAMU) Inaugural General Assembly, 26-29 June 2000, Istanbul, Turkey.

## PUBLICATIONS - Engineering

- **Cicek, I.** And Ertas, A.; "*Theoretical Investigation Of Beam – Tip Mass – Pendulum System Under Random Excitation,*" Journal of Sound and Vibration. [to be submitted]
- **Cicek, I** and Beisner, G. S.; " *A New Process for the Acceleration Test and Evaluation of Aeromedical Evacuation (AE) Equipment for USAF Safe-to-Fly (STF) Certification,*" Defense Acquisition Review Journal (Defense ARJ), October 2010, pp. 458-507.
- Gumus, B.; Ertas, A.; Tate, D.; **Cicek, I.**; "*The Transdisciplinary Product Development Lifecycle (TDPL) Model*", Journal of Engineering Design, Vol 19, Issue 3, pp 185-200, June 2008, DOI: 10.1080/09544820701232436.
- Villarreal, C. and **Cicek, I.**; "Automated Troubleshooting Tools for Minimizing Downtime and Reducing the Labor and Material Costs of C-5 Aircraft," IEEE Autotestcon, San Antonio, Texas, September 19 -23 2004.
- **Cicek, I.**; Ertas, A.; (2004) "*Vibration Considerations for the Installation of Portable Equipment on Military Aircraft,*" Society for Design and Process Science (SDPS) Integrated Design & Process Technology (IDPT) Symposium on System Design and Software Engineering, Pine Bay Holiday Resort, Kusadasi, Izmir, Turkey, June 28 - July 2, 2004.
- **Cicek, I.** and Ertas, A. (2002), "*Experimental Investigation Of Beam-Tip Mass And Pendulum System Under Random Excitation,*" Mechanical Systems and Signal Processing, Academic Press, November 2002, vol. 16, no. 6, pp. 1059-1072(14).
- Cugalci, O.; Ertas, A.; Ekworo-Osire, S.; **Cicek, I.** (2002), "*Nonlinear Vibration Absorber for a System under Sinusoidal and Random Excitation: Experiments*", Journal of Sound and Vibration, Volume 249, Issue 4, Pages 701-718, ISSN: 0022460X, DOI: 10.1006/jsvi.2001.3836
- **Cicek, I.**, Ertas, A. "*Experimental Investigation of Beam-Mass-Pendulum System under Random Excitation,*" Society for Experimental Mechanics (SEM), Inc. - IMAC-XVIII: A Conference & Exposition on Structural Dynamics, February 7-10, 2000, doi:10.1006/mssp.2001.1475
- Cugalci, O., **Cicek, I.**, Ertas, A., "*Effect of Surface Coating and Tin Plating on Friction Characteristics of P-110 Tubing for Different Thread Compounds,*" American Society of Mechanical Engineering (ASME) Energy Sources and Environmental Technology (ETCE) Conference, Houston, Texas, February, 1999 (Presentation Only).
- **Cicek, I.**, Schafer, D., "*Design and Development of a New Integrated Communication System for C-5 Galaxy Aircraft,*" Transactions of the SDPS. Journal of Integrated Design & Process

## PUBLICATIONS - Engineering

Science, vol. 2.4., March 1998.

- **Cicek, I.**, Schafer, D., Feller, J., "Design of a new MIL-STD-1553B Based Integrated Communication System for Replacement of a Legacy System", The Third Biennial World Conference on Integrated Design and Process Technology (IDPT), Berlin, Germany, July 6-9, 1998.
- **Cicek, I.**, "The Vital Link: Using LabVIEW to Develop the Ground Processing Interface System (GPIS) Software for the C-5 Galaxy Aircraft," National Instruments (NI) Week Proceedings, Austin, Texas, USA, August 24-26, 1998. [Poster Presentation & Proceedings]
- Cuvalci, O., Ertas, A., **Cicek, I.**, Ekwaro-Osire, S. "Vibration Absorber for Flexible Structures: Experimental Study Under Random and Sinusoidal Excitations," International Mechanical Engineering Congress & Exposition. Symposium on Nonlinear Dynamics and Stochastic Mechanics, Dallas, Texas, USA. November 1997.

## ACADEMIC AND TRAINING PRESENTATIONS

- Cicek, I.; "Acceleration Test Requirements for the Joint (US Air Force, Army, Navy, and Marine Core) Platform Requirements," Presentations for the Training of the US Army Aeromedical Research Lab (USAARL) personnel, Brooks City-Base, San Antonio, TX, 26 May 2010.
- Cicek, I.; "Acceleration Test Requirements Overview: Acceleration Testing of Aeromedical Equipment for USAF Aircraft Safe-to-Fly Certification," Workshop on the Acceleration Test Requirements of Aeromedical Equipment, Brooks City-Base, San Antonio, TX, 12-13 May 2009.
- Cicek, I.; "Stacking Litter System (SLS): Project Status," Workshop on the Acceleration Test Requirements of Aeromedical Equipment, Brooks City-Base, San Antonio, TX, 12-13 May 2009.
- Cicek, I.; "Neonatal/Pediatric Extracorporeal Membrane Oxygenation System: Acceleration Test and Evaluation" Workshop on the Acceleration Test Requirements of Aeromedical Equipment, Brooks City-Base, San Antonio, TX, 12-13 May 2009.
- Cicek, I.; "Neonatal Transport System Model 20M, Initial Evaluation for the Acceleration Requirements" Workshop on the Acceleration Test Requirements of Aeromedical Equipment, Brooks City-Base, San Antonio, TX, 12-13 May 2009.
- Cicek, I.; "Safe-to-Fly Testing of the TALON II, Oversize Litter (OSL), and OSL-SMEED using Finite Element Analysis," Workshop on the Acceleration Test Requirements of Aeromedical Equipment, Brooks City-Base, San Antonio, TX, 12-13 May 2009.
- Cicek, I.; "Environmental Test Requirements for the Carry on Equipment used aboard Aircraft"; Presentation to the Graduate Students & Academic Staff, Mechanical Engineering Dept., TTU, January 9-12, 2009, Lubbock, Texas, USA.
- Brakefield, J. and Cicek, I.; "Condition Based Monitoring Using Deep Neural Nets," The 9th Joint FAA/DoD/NASA Aging Aircraft Conference, March 6-9 2007, Atlanta, GA.
- Cicek, I.; "Vibration Considerations for the Installation of Portable Computers on C-5 Aircraft," Presentation to Academic Staff and Graduate Students, Mechanical Engineering

## ACADEMIC AND TRAINING PRESENTATIONS

Dept., Texas Tech University (TTU), Lubbock, Texas, 79409, May 2, 2004.

- Cicek, I.; Presentation to Academic Staff, "*Human Factor in the Engine Room*," Japan International Cooperation Agency Mid-term Evaluation, Project on Improvement of Maritime Education and Training of Turkey, ITUMF Conference Room, October 2002.
- Cicek, I.; "*The Use of LabVIEW for the Development of Simulators*," Presentation to the Graduate Students & Academic Staff, Mechanical Engineering Dept., TTU, Sept. 16, 2001, Texas, USA.
- Cicek, I. and Yamamoto, H.; "*Global Merchant Maritime Education Towards the 21st Century*," Presented at the Workshop on Global Transdisciplinary Education, Society for Design and Process Science, September 4-6, 2000 - Kusadasi, Izmir, Turkey.