



INTERNATIONAL MARITIME LECTURERS' ASSOCIATION
16th CONFERENCE ON MET
FINAL PROGRAMME



MONDAY, 13 OCTOBER

18:00 – 20:00 Welcome Cocktail (Hotel Crowne Plaza)

TUESDAY, 14 OCTOBER

08:00 – 08:30 Transfer from Hotel DEVAK and Hotel Crowne Plaza to DEU School of Maritime Business and Management

07:30 – 09:00 REGISTRATION

09:00 – 09:30 **OPENING CEREMONY**
Venue: Dokuz Eylul University School of Maritime Business and Management Çakabey Deniz Feneri Conference Hall

-WELCOME STATEMENTS-
Prof. Dr. A. Güldem CERİT – Chair, IMLA IZMIR 2008 Organizing Committee
Geza DOLOGH – President, Chamber of Shipping Izmir Branch, Turkey
Prof. Dr. Gao DEYI – Chairman, IMLA
Dr. Özkan POYRAZ – General Director of Maritime Transportation Republic of Turkey Undersecretariat for Maritime Affairs
Prof. Dr. Mehmet FÜZÜN – President, Dokuz Eylul University

09:30 – 10:30 **KEYNOTE SPEECHES**

The Present and Future Development of World Shipping and Ports

Prof. Dr. Manfred Zachcial

Director, ISL Institute of Shipping Economics and Logistics, Professor at the University of Bremen, Germany

The Timely Revision of the International Convention on Standards of Training and Certification of Watchkeepers (Seafarers)

Rear Admiral Peter Brady

Chairman, Sub-Committee on Standards of Training and Watchkeeping (STW), IMO

	<p><i>Seafarers' Training and the Comprehensive Review of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers</i> Milhar Fuazudeen Technical Officer, Maritime Training and Human Element Section, Maritime Safety Division, IMO</p>
10:30 – 10:45	Coffee Break
10:45 – 11:45	<p>SHIPPING POLICY, STCW CONVENTION AND NEW DEVELOPMENTS</p> <p>Chair: Prof. Dr. Osman Kamil Sağ</p> <ul style="list-style-type: none"> • From Compliance Culture Towards Safety Culture, Rajendra Prasad • The Application of Human Factors in Maritime Education and Training, Quentin N. Cox • Theoretical and Practical Implications of New Methodologies in MET, Mustafa Kalkan
11:45 – 12:30	Tour of DEU SMBM
12:30 – 13:00	Transfer to Crowne Plaza
13:00 – 14:30	Lunch
14:30 – 15:50	<p>NEW METHODOLOGIES AND TECHNOLOGIES IN MET – 1 / TANKER TRAINING</p> <p>Venue: Karşıyaka Hall – Crowne Plaza</p> <p>Chair: Prof. Dr. Masao Furusho</p> <p>Guest Speaker: TANKER OFFICER COMPETENCY TRAINING – THE INTERTANKO SOLUTION <i>Capt. Howard N. Snaith</i> Director, Marine, Ports, Terminals, Chemicals & Environmental Section, INTERTANKO</p> <ul style="list-style-type: none"> • An Approach to Meet Tanker Training Requirements, Özgür Alemdağ • Web Based IMO Tanker Courses – For the First Time in MET, Dumitru Dinu, Laurentiu Chiotoroiu, Gabriel Raicu • Human Errors and Oil Pollution from Tankers, Liviu-Constantin Stan, Nicolae Buzbuchi, Feiza Memet
15:50 – 16:05	Coffee Break

16:05 – 17:25	<p>NEW METHODOLOGIES AND TECHNOLOGIES IN MET – 2 / MODELS AND PROGRAMMES</p> <p>Chair: Prof. Dr. Malek Pourzanjani</p> <ul style="list-style-type: none"> • An Innovative MET Model in Global Higher Education - Piri Reis Maritime University - Turkey, Osman Kamil Sağ, Reza Ziarati, S. Özkaynak, M. Yıldırım Alp • Transfer of Learning: A Competence Based Programme Requirement, Stephen J. Cross • New Methodologies and Technologies in MET, Taner Albayrak, Reza Ziarati • New Methodologies and Technologies in MET, Homayoun Yousefi
20:00 – 00:00	<p>Gala Dinner (Hotel Crown Plaza)</p>

WEDNESDAY, 15 OCTOBER

	TRACK A	TRACK B
09:00 – 10:20	<p>CURRICULUM DEVELOPMENT IN MET – 1 / NEW APPROACHES</p> <p>Venue: Karsiyaka Hall – Crowne Plaza</p> <p>Chair: Assoc. Prof. Dr. Emil Oanta</p> <ul style="list-style-type: none"> • An Educational Approach of Game Based Informal Learning in Maritime, Nikitas Nikitakos, Ionnis Sirris • Rethinking Maritime Education and Training, Gholam-reza Emad, Ivan Oxford • New Approaches in Design and Delivery of Nautical Sciences Programmes - SOS Navigation Engineering, Ergün Demirel • The Way to Discursive Competence, Tatyana Polskaya 	<p>INTERNATIONAL RESEARCH OF MET INSTITUTIONS – 1</p> <p>Venue: Foça Hall – Crowne Plaza</p> <p>Chair: Cpt. Fred Anstey</p> <ul style="list-style-type: none"> • Application of the System Dynamics to the Wreck of the TORREY CANYON, Shinji Shima, Kenji Ishida, Masao Furusho, Masaki Fuchi • Tailor-made Education Programmes for the Cruise Industry, Tino Hensel • The Use of Chi-squared Statistic in Maritime Education Research, Lowell A. Cummings • Government Support for Sustainability of Marine Salvage Services: A Case for Turkey, Oğuz Atik, A. Güldem Cerit
10:20 – 10:35	<p>Coffee break</p>	<p>Coffee break</p>

	TRACK A	TRACK B
10:35 – 11:55	<p>CURRICULUM DEVELOPMENT IN MET – 2 / MARITIME ENGLISH</p> <p>Chair: Prof. Dr. Jane P. Brickman</p> <ul style="list-style-type: none"> ● The Yardstick for Maritime English STCW Assessment Purposes, Clive Cole, Peter Trenkner ● Improving Safety at Sea and Ports by Developing Standards for Maritime English, Martin Ziarati, Reza Ziarati, Bahar Canbaş, Lena Mously ● Shipboard English for Non-native Students, “The Kobe Abridged SMCP”, George Meegan, Serdar Kum ● Maritime Testing of English Language: A Search for a Supranational Standard, Tezer Ülküatam, Serhan Sernikli 	<p>INTERNATIONAL RESEARCH OF MET INSTITUTIONS – 2</p> <p>Chair: Cpt. Stephen J. Cross</p> <ul style="list-style-type: none"> ● Impact of iLearning Technique on the Maritime Education and Training Onboard Training Ships, Ahmed Youssef ● Training of Future Seafarers – New Challenges for MET: S, Christer Bergquist ● A Study for the Ship Safety in the Large Amplitude Rolling, Daisuke Terada ● One Solution to Intensify the Research-Development, Innovation and Technological Transfer Activities in Maritime Universities, Titi Turcoiu
11:55 – 13:30	Lunch	
13:30 – 14:50	<p>QUALITY, SAFETY, SECURITY AND ENVIRONMENTAL MANAGEMENT – 1</p> <p>Chair: Prof. Dr. Peter Trenkner</p> <ul style="list-style-type: none"> ● Securitas Mare - Crowd and Crisis Management, Christer Bergquist ● Bridge Ergonomics and Usability of Navigational System as a Safety and Quality Feature, Georgios Georgoulis, Nikitas Nikitakos ● The Seafarer Exposures, Environmental Hazards, and Cancers, Heather Griffith ● Safety Management for Dangerous Cargo in Container Terminals: Safety Perception Analysis of Port-Workers, Yusuf Zorba, Hakkı Kişi 	<p>INTERNATIONAL RESEARCH IN MET INSTITUTIONS – 3</p> <p>Chair: Cpt. Quentin N. Cox</p> <ul style="list-style-type: none"> ● A Snapshot of the Cross-Cultural Views and Observations of Teaching and Support Staff: Middle Eastern Students within an Australian Maritime Learning Environment, Anthony Boyle ● Maritime Education and Training of Women: Their Impact on the Program at the United States Merchant Marine Academy, Jane Pacht Brickman ● The Effects of High-Males to Low-Females Proportions (Class Mix) on the Performance of Female Trainees in Maritime Studies in Nigeria, Victor A. Udosen ●
14.50 – 15.05	Coffee break	

	TRACK A	TRACK B
15:05 – 16:25	<p>QUALITY, SAFETY, SECURITY AND ENVIRONMENTAL MANAGEMENT – 2</p> <p>Chair: Prof. Dr. Nikitas Nikitakos</p> <ul style="list-style-type: none"> • STCW Convention’s Certification Provisions for Safety and Emergency Response Training: Analysis of Apparent Ambiguities, Kevin O. Okanna • The Human Fatigue in Maritime Domain, Majid Safahani • Ballast Water Management: A Time for Action, Fred Anstey • Investigation on the Factors of VTS Operators’ Mental Workload: Case of Turkish Operators, Serdar Kum, Masao Furusho, Hiroyuki Iwasaki 	<p>INTERNATIONAL RESEARCH IN MET INSTITUTIONS – 4</p> <p>Chair: Cpt. Christer Bergquist</p> <ul style="list-style-type: none"> • Execution Model Proposal on Managing Accreditation Process in MET Institutions, Kadir Çiçek, Metin Çelik • The Position of YTU in Maritime Education of Turkey, Bekir Şener, Çağan Diyaroğlu, Hüseyin Yılmaz • Effectiveness of MAAP QSS: From Elements to Process Approach (2000-2006), Michael A. Amon • Application of Novel Artificial Intelligent Techniques in Shipbuilding Using Activity Based Costing and Neural Networks, Sualp Ömer Ürkmez, Erdem Bilgili, Reza Ziarati, David Stockton
16:30 – 17:30	General Meeting of IMLA	
20:00 – 00:00	Gala Dinner (Sipari Restaurant)	

THURSDAY, 16 OCTOBER

	TRACK A	TRACK B
09:00 – 10:20	<p>PILOTAGE AND SAFETY</p> <p>Venue: Karsiyaka Hall – Crowne Plaza</p> <p>Chair: Prof. Dr. Necmettin Akten</p> <ul style="list-style-type: none"> • Enhancement of Safety Culture in Harbour Pilotage and Towage Organizations, Selçuk Nas • Analysis of Accidents in Istanbul Strait, Nazmi Bayar, Sadık Özüm, Hüseyin Yılmaz 	<p>RISK MANAGEMENT IN SHIPPING / SHIP MANAGEMENT</p> <p>Venue: Foça Hall – Crowne Plaza</p> <p>Chair: Dr. Marko Perkovic</p> <ul style="list-style-type: none"> • Developing Competitive Advantage through Cooperative Decision Making in Shipping Family Businesses, Şadan Kaptanoğlu, Reza Ziarati, David Stockton, Taner Albayrak • Enhancing the Collision Risks in the Risk Management Era, Birsen Koldemir, Şakir Esnaf, Necmettin Akten

	<ul style="list-style-type: none"> ● Analysing the Vessel's Manoeuvring Difficulties in the Turkish Straits in Order to Develop a Training Program for Maritime Pilots, Ali Cömert, Osman Kamil Sağ ● Standards of Training, Evaluation and Certification of Turkish Maritime Pilots, Ali Cömert, Özkan Poyraz 	<ul style="list-style-type: none"> ● The Facilitation of the International Trade and Maritime Transport Through the Requirements of Convention on Facilitation of the International Maritime Traffic 1965, Maher Morsy
10:20 – 10:35	Coffee break	
10:35 – 11:55	SIMULATOR BASED TRAINING IN MET – 1 Venue: Karsiyaka Hall - Crowne Plaza Chair: Assoc. Prof. Cpt. Willi Wittig <ul style="list-style-type: none"> ● Heavy Lift Simulation, Alexandra Oesterle ● The Use of Integrated Maritime Simulation for Education in Real Time, Marko Perkovic, Rick Harsch, Valter Suban, Peter Vidmar, David Nemeč, Oliver Muellenhoff, Leonardo Delgado ● The Use of Visual Information in Marine Education and Training – A Method to Overcome the Cultural Differences, Emil Oanta, Simona Dinu ● Analytical Comparison of Different Tanker Simulators by Utilizing AHP Method, Özcan Arslan, Fatih Türker 	
11:55 – 13:30	Lunch	
13:30 – 14:50	SIMULATOR BASED TRAINING IN MET – 2 Chair: Prof. Dr. Reza Ziarati <ul style="list-style-type: none"> ● ETM Training for Crisis Response: Some Examples of the Crisis Response Training for the Marine Engine System Using a Full Mission Simulator, Hachiro Kido, Takashi Kuwashima ● Structuring of Performance Assessment Scheme (PAS) for ERTM Training, Metin Çelik, Zaili Yang, Steve Bonsall ● The Foreseen Simulation System Needs, Massimo Gobbo ● Impact of Simulator Training on the Cognition among Marine Engine Students, Brenda B.Tumala, Grace P. Trompeta, Luis G. Evidente, Ronnie C. Montañó 	

16.30 – 17.00	Transfer to Konvoy Country Club
17:00 – 19:30	Reception
19:30 – 22:00	Gala Dinner

FRIDAY, 17 OCTOBER

	TRACK A	TRACK B
09:00 – 10:20	<p>TRENDS IN MARINE ENGINEERING TRAINING AND EDUCATION</p> <p>Venue: Karsiyaka Hall – Crowne Plaza</p> <p>Chair: Rajendra Prasad</p> <ul style="list-style-type: none"> ● An Aspect of Thermodynamics Education in Constanta Maritime University: Exergoeconomic Analysis of Internal Combustion Engines, Feiza Memet, Liviu Stan, Nicolae Buzbuchi ● Interpolation Methods Applied in Computer Aided Engineering, Gabriela Gavrilă, Emil Oanta ● Measurement of Long-Term Sea Training Performance for Marine Engineering Cadets Via AHP-TOPSIS, Metin Çelik, Steve Bonsall, Jin Wang ● Cognitive Study on Attaining Knowledge and Skill of Marine Engineer, Noriyuki Matsuzaki, Yutaka Emi, Nobuyoshi Kouguchi 	<p>MARITIME EDUCATION IN DEVELOPING AREAS</p> <p>Venue: Foça Hall – Crowne Plaza</p> <p>Chair: Alain Brillault</p> <ul style="list-style-type: none"> ● Improving Economical Performance Using Knowledge Management, Gabriel Raicu, Alexandra Nita ● An Experimental Research on Eating Pattern on Survival Craft, Kazusei Yamamoto, Yuki Ikeda ● Yacht Tourism Education: A Study on Curriculums, Derya Atlay Işık, A. Gülдем Cerit ● Supply and Demand in Shipping Market Using Intelligent Neural Networks, Başak Akdemir, Erdem Bilgili, Martin Ziarati, David Stockton
10:20 – 10:35	Coffee break	
10:35 – 11.15	<p>Closing Ceremony</p> <p>Venue: Karsiyaka Hall - Crowne Plaza</p>	
11:30-	Guided Tour to Ephesus	