



ICERS12

THE 12th INTERNATIONAL CONFERENCE ON ENGINE ROOM
SIMULATORS

November 19-20, 2015 @Tuzla, Istanbul
Istanbul Technical University, Maritime Faculty



DRAFT CONFERENCE PROGRAM

| 19th November | | |
|---------------|---|--|
| 09.00 - 09.45 | Registration | |
| 09.45 - 10.30 | Opening Session – Welcomespeeches and keynote speaker (MilharFuazudeen - IMO) | |
| 10.30 - 11.00 | Group photo | |
| 11.00 - 12.30 | Session One: Education and training with Engine Room Simulator(Part 1) Flexible Supplementary Formation Application – FSFA <i>C. Gullapoglu</i> Current Status and Future Vision of Education and Training with Main Engine Remote Control Simulator <i>K. Sato, T. Dan</i> Enhancing the student learning experience by the use of Engine Room Simulator Desktop Simulation in STCW Competency Courses Hata! Yer işareti tanımlanmamış. <i>G. Lokuketagoda, R. Dunham, S. Narayanasamy</i> | |
| 12.30 - 13.30 | Lunch | |
| 13.30 - 14.30 | Session Two: Education and training with Engine Room Simulator (Part 2) Training of ERS Instructors and Assessors According to IMO Model Course 6.10 <i>E. Ma. R. Santos, Gerardo Ramon S. Galang</i> Blended onboard Training Utilizing onboard ERS in NIST Training Ship <i>Y. Emi, H. Kumagami, M. Kado, H. Miyazaki</i> Necessary function for management of engine plant operation – Its application to ETM/ERM training <i>A. Ishibashi, M. Kojima, S. Horiki, T. Tsukamoto, A. Uchino, H. Kobayashi</i> | |
| 14.30 - 16.00 | Session Three: Special topics in engine room simulators (Part 1) The monitoring system of the Coanda effect for the tension-leg platforms <i>V. Nikolskyi, V. Budashko, S. Khniunin</i> Physical modelling effects degradation by interaction azimuthal flow with hull <i>V.V. Budashko, V.V. Nikolskyi, O.A. Onishchenko, S.N. Khniunin</i> Coordinated Team Training for Heavy Lift and Offshore Crane Loading Teams <i>A.Oesterle, C. Bornhorst</i> The practical aspects of four stroke diesel engines principle in simulation tasks <i>R. Varbanets, S. Karianskyi</i> | |
| 16.00 - 16.30 | Coffee Break & Refreshments | |
| 16.30 - 17.30 | Session Four: Special topics in engine room simulators (Part 2) High Voltage Breaker for Simulator <i>G. Wagstaff</i> The use of Engine Room Simulators in High Voltage Training Courses <i>Leif P. Halvorsen</i> The Application of Touch Screen Solutions in Marine Engine Room Simulators with 3D Visualization <i>L. Tomczak</i> | |



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| | 19.30 - 21.30 | Welcome dinner |
| 20 th November | 09.30 - 11.00 | Session Five: Assessment and evaluation in ERS |
| | | The Effectiveness of the Engine Room Simulator Training <i>S. Kluj</i> |
| | | Study on Advantages and Obstacles of Applying Physiological Computing in ERS-Based Maritime Training <i>Y. Wu, T. Miwa, M. Uchida, M. Nakamura</i> |
| | | Study on evaluation of communication aptitude in maritime education with marine engine room simulator <i>T. Miwa, Y. Wu & M. Uchida, M. Nakamura</i> |
| | Investigation of an ERS functionality to conduct human error assessment studies comply with the STCW'2010 requirements <i>C.Kandemir, E.Akyuz, M.Celik</i> | |
| | 11.00 - 11.30 | Refreshments |
| | 11.30 - 13.00 | Session Six: New methods and technologies |
| | | Development and Improvement of the Virtual Engine room in the K-Sim Engine Room simulator <i>H. J. van der Ende</i> |
| | | Adaptation of LNG Fuel System Workout to A Simulator for Training Purpose of Engine Officers <i>B. Zincir, C. Dere</i> |
| The Review of the Engine Room Simulator Applications in The Light of The Existing Practices and Development in The Technology <i>T. Kayaarasi, S. Özkaynak, E. Demirel</i> | | |
| Engine Room Simulation - Next Generation Solutions (3D Immersion, VR Displays and more) <i>S. Rewari, P. Bagga, V. Kumar, R. Bhatia</i> | | |
| The Role of Simulation in Design and Operation of Engine Rooms <i>V. Bertram</i> | | |
| 13.00 - 14.30 | Lunch | |
| 14.30 - 15.30 | Closing Session | |
| 15.30 - 17.00 | Visit to ITU Maritime Faculty | |
| 19.00 - 21.30 | Farewell dinner | |
| 21 st November | 09.00 - 16.00 | Full day sightseeing tour in Istanbul (optional) |

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