

MTE-ISIS 2019 PROGRAMME		
16.10.2019 Wednesday		
12:00	- 13:00	Arrival to Kołobrzeg, registration
14:00	- 15:00	Lunch
15:00	- 15:30	Opening Ceremony
15:30	- 17:10	1 Plenary session and invited papers Chair: A. Weintrit
15:30	- 15:50	Vidmar P. , Perkovic M.: Risk Analysis for LNG Bunkering
15:50	- 16:10	Engler E. , Banyś P., Baldauf M., Heymenn F., Goge D., Gucma M.: Situation Assesment - an essential functionality for resilient navigation systems
16:10	- 16:30	Makar A., Specht C., Specht M. , Dąbrowski P., Szafran M.: Integrated geodetic and hydrographic measurements of the yacht port on the example of the National Sailing Center in Gdańsk
16:30	- 16:50	Abramowicz-Gerigk T. , Burciu Z., Jachowski J.: Parametric study on the flow field generated by river barge bow steering system
16:50	- 17:10	Gucma S., Gralak R., Muczyński B. : Areas of emergency manoeuvres and the navigational risk of accidents in fairways due to ship technical failures determined by the ship movement simulation method.
20:00		Gala Dinner (at hotel)

17.10.2019 Thursday		
08:00		Breakfast
10:00	- 11:15	2 Parallel session: GNSS related topics Chair: R.Galas
10:00	- 10:15	Liu S. , Gehrt J., Abel D., Zweigel R.: Integrity of Dual-Constellation aided Navigation Filter in Safety-Critical Maritime Applications
10:15	- 10:30	Galas R. , Kunzi F., Adolfs M., Overbeck F., Felber W.: Initial analysis of tracking performance of the GOOSE GNSS Software Defined Receiver
10:30	- 10:45	Dąbrowski P. , Specht C., Koc W., Czaplewski K., Specht M., Karwowski K., Chrostowski P., Szmagliński j., Grulkowski S.: Installation of GNSS receivers on a mobile railway platform - methodical and measurement aspects
10:45	- 11:00	Zalewski P. : Integrity Concept of Maritime Autonomous Surface Ships' Position Sensors
11:00	11:15	Koch P. , Gewies S.: Worldwide availability of maritime medium frequency radio infrastructure for R-Mode supported navigation
11:15	- 11:30	Coffee break
11:30	- 12:45	4 Parallel session: Safety and reliability aspects in maritime transportation Chair: K.Kołowrocki
11:30	- 11:45	Mazerski G. , Mettala O., Hinz T.: Data-driven design and operational support for ship's energy efficiency
11:45	- 12:00	Blokus A., Dziula P. : Reliability and availability analysis of different configurations of master and back-up systems used in maritime navigation
12:00	- 12:15	Kołowrocki K., Magryta B. : Port Oil Terminal Reliability Optimization
12:15	- 12:30	Przeniosło Ł. , Peschke J., Hering J.: Improvement of good seamanship by the use of specialized processes and algorithms onboard ships,in fleet operation centers and in simulations.
12:30	- 12:45	Pietrzykowski Z. , Wielgosz M., Breitsprecher M.: Navigators` behavior analysis using data mining
13:00	- 14:00	Lunch
15:00	- 17:00	6 Poster session: Miscelenious topics Chair: C.Specht, K. Gawdzińska and board for the best presentation Rewards for the best short presentations are forseen!
time: 5 min	1	Kasyk L. , Kijewska M., Pleskacz K.: The influence of the wind direction on the speed of drift in the Szczecin Lagoon
in the form of:	2	Świerczyński S. , Zwolan P.: The verification of simulated echosounder in the aspect of underwater object detection theory
poster	3	Gawdzińska K. , Przetakiewicz W., Kostecka E., Przybyła M., Wieczorek A.: Criteria for the selection of materials used in brake discs
flipchart	4	Czaplewski K. , Specht C., Dąbrowski P., Specht M., Koc W., Wilk A., Karwowski K., Chrostowski P., Szmaglinski J.: Atypical application of the parametric method for track infrastructure inventory
oral presentation	5	Gucma S., Dzwonkowski J., Przywarty M. , Bilewski M.: Dimensioning of fairway bends - kinematic method of numerical simulation
	6	Dzikowski R. , Gucma M.: Assessment of accidentally anchoring on buried offshore Gas Pipeline
	7	Kwiecińska B., Dzikowski R. , Guzewicz-Fajdek B.: Ocena efektywności kształcenia marynarzy w świetle wyników badań wypadków morskich dotyczących udziału czynnika ludzkiego
	8	Jarząbek D., Drwiega K. : Ecological ship scrapping lub Ecological ship recycling
	9	Quy N., Łazuga K., Gucma L. , Vrijling J.K, Gelder P.: Towards the generalized models of ships safety maneuvering areas ships and its performance based on real time simulation results for risk assessment of navigable waterways
	10	Kotkowska D. : Use of SAR module of VTS simulator in rescue operations planning
	11	Przywarty M. , Muczyński B., Bilewski M.: Development and implementation of models of drift and fall trajectory of the biodegradable oil binders
	12	Śtepień G. , Ziębka T., Hałaburda R., Beczkowski K., Borczyk K.: Functional model of photogrammetric surveying in the Autonomous Measurement System "Free Geodetic Surveys - 3D"
	13	Nowy A., Gucma L. : Analysis and modeling of the vessels traffic flow in terms of sea routes design and safety of navigation
	14	Gralak R. : Method of navigational information display using Augmented Virtuality
	15	Bąk A. : Systemic solution for mitigation of derelictf fishing gear problem
	16	Kołowrocki K., Magryta B. : Port oil Terminal Operation Process Cost Optimization
	17	Boć R. , Gucma L.: Building a model for solving anti-collision situations before the Convention on the International Regulations for Preventing Collisions at Sea
	18	Uriasz J., Lisaj A. , Mąka M., Majzner P., Czerwinski M.: The improved model of integrated radio-communications systems
	19	Guze S. , Wawrzyński W., Wilczyński P.: Determination of parameters describing the risk areas of ships chaotic rolling on the example of LNG carrier and OSV vessel
19:00		Dinner (at hotel)

18.10.2019 Friday		
08:00		Breakfast
10:45	- 11:00	Coffee break
11:00	- 12:40	7 Plenary session Chair: Z.Pietrzykowski
11:00	- 11:20	Kołowrocki K. : Port Oil Terminal Safety Examination
11:20	- 11:40	Grządziel A. : Methodology for measuring propagation of acoustic wave in sea water depending on the acoustic ray angle of incidence and bottom type
11:40	- 12:00	Tomic-Petrovic N. : Importance of dunabe once and today for inland navigation in the republic of Serbia
12:00	- 12:20	Kowalski A. : The impact of the underwater hull antifouling silicone coating on the sea ferry's fuel consumption
12:20	- 12:40	Juszkiewicz W. : Environmental risks of potential oil spills in The TSS Słupska Bank area – PISCES II simulation
12:40	- 13:00	Closing of MTE-ISIS Conference
13:00		Lunch (at hotel)