

## Conference schedule:

Date	0800-0900	0900-1030	1030-1100	1100-1230	1230-1400	1400-1530	1530-1600	1600-1700	1700-1900	1900-2000	2000-2200
Sunday 25 June					Transport	Transport	Transport	ETA Terschelling	Registration	Reception	
Monday 26 June	Registration	Opening	Break	Opening	Lunch	S 1-3 M 1-3	Break	S 4-5 M 4-5	AGM		
Tuesday 27 June		S 6-8 M 6-8	Break	S 9-11 M 9-11	Lunch	S 12-14 M 12-14	Break	S 15-16 M 15-16		Banquet Dinner	Banquet Dinner
Wednesday 28 June		S 17-19 M 17-19	Break	S 20-22 M 20-22	Lunch	Island Tour	Island Tour	Island Tour			
Thursday 29 June		S 23-25 M 23-25	Break	S 26-28 M 26-28	Lunch	S 29-31 M 29-31	Break	S 32-33 S 34-35	Closing	Island Dinner	Island Dinner
Friday 30 June	ETD Terschelling	Transport	Technical Tour	Technical Tour	Lunch	Technical Tour	Transport	Amsterdam Area			

Time	Monday 26 June
0900-1030 Opening	Introduction to Marsim 2006/ S.J.Cross, Local Organizing Committee Welcome to Terschelling/ J.Visser, Mayor Welcome to MIWB NHL University/ H.Mensink, Board of Governors Official opening speech
1100-1230 Opening	Keynote speech: simulation/ H.Kobayashi, Chairman IMSF Keynote paper: STCW and assessment of competence by simulator ten years on / P.Muirhead Honorary member IMSF
1400-1530 S 1-3 M 1-3	<b>S 1- 3 Chair/ L.Markusson</b> The use of a simulator for the development and training of optimised use of harbour tugs/ M. van Hilten A study on human characteristics in berthing manoeuvre and development of the ship handling support system/ A. Ishibashi Simulation of the dynamics of a tug towing a disabled tanker in emergency salvage operation/ K.S.Varyani  <b>M 1-3 Chair/ F.Quadvlieg</b> Ship-ship-interaction: overtaking and encountering of inland vessels on shallow water/ A. Gronarz Ship manoeuvring characteristics as function of ship form in shallow water/ S.W. Lee Prediction of ship manoeuvrability of 8000 TEU containership in deep and shallow water: modelling and captive model testing/ Katrien Eloot
1600-1700 S 4-5 M 4-5	<b>S 4-5 Chair/ L. Markusson</b> Tug simulator training - request for realism and accuracy/ Peter Kr. Sorensen The simulation results of tug's operation in harbour manoeuvrings//Szymonski  <b>M 4-5 Chair/ F.Quadvlieg</b> CFD with PMM test validation for manoeuvring VLCC2 tanker in deep and shallow water//Claus D. Simonsen Estimation of MMG-type Manoeuvrability Model of Pure Car Carrier with Schilling Rudder from Full-Scale Experiments/K. Hasegawa
1700-1900 AGM	AGM IMSF Members and Applicants

Time	Tuesday 27 June
0900-1030 S 6-8 M 6-8	<b>S 6-8 Chair/ J.Vink</b> The development of ship simulation exercises to complement written maritime examinations in Ireland/ W. Kavanagh Human factor for safe navigation/ H. Kobayashi Understanding human error patterns by analysing simulator training records/ H. Ando  <b>M 6-8 Chair/ J. Chang</b> Turning motion of a ship single CPP and single rudder during stopping manoeuvre under windy condition/H. Yabuki A study on the manoeuvrability of twin-skegs container ship/ S.Y. Kim The application of real-time manoeuvring simulator for a harbour design/ C.C. Fang

1100-1230 S 9-11 M 9-11	<p><b>S 9-11 Chair/ J.Vink</b> Study on onboard ship-handling simulator applied real time AIS information/Y. Arai Ship manoeuvring simulation based safety analysis for vessel traffic environment/ M. Jun-min The method of navigation risk assessment on waterways based on generalised real-time simulation data/ Lucjan Gucoma</p> <p><b>M 9-11 Chair/ J.Chang</b> New capabilities for the mathematical modelling of ship motion / A. Speransky A study on manoeuvrability of VLCC installed with marine type super vec-twin rudder/ D.H. Kang Modelling and simulation technologies for naval ship design and its application/ C.H. Lee</p>
1400-1530 S 12-14 M 12-14	<p><b>S 12-14 Chair/ S.Aysinov</b> Numerical investigation on motion sickness evaluation of a high speed ferry/C.C. Fang Frustration and regression - an experimental study of a paradigm for human reliability and training /M. Schutte A study on mariners' behaviour for avoiding collision in congested traffic conditions/T. Nishimura</p> <p><b>M 12- 14 Chair/ D.Webb</b> Optimal input design for the identification of low speed manoeuvring mathematical model/S.M. Yeon A unified non-linear mathematical model for simulating ship manoeuvring and seakeeping in regular waves/S. Sutulo A non-uniform current in ship manoeuvring/ J. Artyszuk</p>
1600-1700 S 15-16 M 15-16	<p><b>S 15-16 Chair/S. Aysinov</b> Low cost three degrees of freedom motion platform for high speed craft simulator/ N.Kjerstad A conceptually new type of simulator for advanced offshore operations and anchor handling /O. Bjorneseth</p> <p><b>M 15-16 Chair/ D.Webb</b> The moving mathematical models of tug with Voith Schneider propellor/ Z. Xiufeng Course keeping and manoeuvring of high-speed vessels./ F.Quadvlieg</p>

Time	Wednesday 28 June
0900-1030 S 17-19 M 17-19	<p><b>S17-19 Chair H. Taylor</b> Integration of ship handling simulator and engine room simulator/T.Tveit Using ship handling simulators connected to engine room simulators/P.V. Pedersen Simulation of ship electric networks: a mean value first principle approach/H.T. Grimmelius</p> <p><b>M 17-19 Chair Y.Arai</b> Modelling of ship motions in restricted channels on maritime simulators/ V. K. Ankudinov Maritime traffic safety assessment for Busan New Harbour by using ship-handling simulator system/ I.Y Gong Combining fast-time simulation and automatic assessment for optimising tuning of simulator ship models/ K. Benedict</p>
1100-1230 S 20-22 M 20-22	<p><b>S 20-22 Chair H. Taylor</b> Standard mariner's behaviour in avoiding collision manoeuvre/ H. Kobayashi Accessibility study of San Beltran basin through northern mouth using a manoeuvring simulator/ J.M. Montero Development of Augmented Reality &amp; Virtual Ocean Environment for ROV Operation and training/ C.M. Lee</p> <p><b>M 20-22 Chair Y. Arai</b> Study on manoeuvring model of Kamewa waterjet ship for ship handling simulators/J.S. Ren Development of a mathematical model of a Voith Schneider tug and experience from application in offshore simulation study/ K. Agdrup Controllability at too high speeds in too shallow water/ K.Jurgens</p>

Time	Thursday 29 June
0900-1030 S 23-25 M 23-25	<p><b>S 23-25 Chair J. Ostermann</b> The design of AIS simulation training program for bridge Simulators/ B. Junzhong Maritime incident management system/ J.Hickey Development of onboard ship handling simulator/ H. Kamiirisa</p> <p><b>M 23-25 Chair K. Benedict</b> Guide to new generic equations for interaction forces/moments between moored/passingship and between encounter/ overtaking ships/Varyani Prediction of the manoeuvrability on a ship with a CRP pod propulsion and a auxiliary rudder/Tomihiro Haraguchi Development of criteria for certification of mathematical models used by marine simulators/M.P. Lebedeva</p>

1100-1230 S 26-28 M 26-28	<p><b>S 26-28 Chair J. Ostermann</b>  BRM training and its quantitative evaluation/ Kinzo INOUE/Hiroko Takahashi  A study on effective training methods using full mission engine room simulator/Koichi KONDO  Experimental verification on general manoeuvring method by human operators/Makoto Endo</p> <p><b>M 26-28 Chair K. Benedict</b>  On manoeuvring and control of large high speed pod driven ships in waves/Zafer Ayaz / Osman Turan  Prediction of ship dynamic stability using a NURBS-based higher order Panel method/ Zao-Jian Zou  Thruster-thruster interaction for manoeuvrability evaluation/ S.Reinders</p>
1400-1530 S 29-31 M 29-31	<p><b>S29-31 Chair A. Patterson</b>  Analysis of recent marine disasters case of VLCC-Tug Collision/H. Eda  Development of collision and grounding risk monitoring system of a ship by using fuzzy algorithm and environmental stress model/N.S. Son  A three-dimensional viewing monitor using network system between a ship and the shore via a satellite/H. Usui</p> <p><b>M 29-31 Chair H.Grimmelius</b>  On the development of automatic navigation system for ships/ Y.Furukawa  Study on manoeuvring mathematical model for trawler/ S. Xiao-feng  Comparative manoeuvrability tests of conventional and pod propulsion for a gas carrier/ L. Kobylinski</p>
1600-1700 S 32-33 S 34-35	<p><b>S 32-33 Chair A. Patterson</b>  Human performance in BRM: A research project on observation tools for non-technical skills/ H.van Ginkel  Integrating ship-handling and crisis management simulators creating a new paradigm/P. B. Arms</p> <p><b>S 34-35 Chair H.Grimmelius</b>  First results from practical usage of communication maritime simulator/ M.Perkovic  Developing innovative solutions for effective ship handling training/ A. Mulloth</p>

Every effort has been taken to make the conference schedule as accurate as possible. However unforeseen events make it subject to change without notice.