

# ISSDC'09 Program

September 1st, 2009

9:00	<b>Opening and Welcome</b>		Session chair: Yasunori NIHEI
		Opening address	<i>Koichi YOSHIDA</i>
		Greeting by the president of JASNAOE	<i>Yoichi SUMI</i>
		Greeting by the president of RINA	
		Greeting by the president of JIME	
		Greeting by the president of JIN	

9:30	<b>Concept I</b>		Session chair: Hidetoshi SUEOKA
	ISSDC'09-01	HISTORIC,PRESNT AND FUTURE ENERGY EFFICIENCY OF CONTAINER VESSELS	<i>Pierre C. SAMES and Torsten MUNDT</i>
	ISSDC'09-02	EXPERIMENTAL AND NUMERICAL STUDY OF THE PERFORMANCE OF A BUOYANCY CONTROL-TYPE BALLAST-FREE SHIP	<i>Makoto ARAI and Kazuo Suzuki</i>

10:30

*Coffee Break*

10:50	<b>Concept II</b>		Session chair: Masahiko FUJIKUBO
	ISSDC'09-03	EXPLORATIONS BEYOND THE DESIGN NORMS FOR ECO-FRIENDLY CONTAINERSHIPS	<i>Bill SHI, Wei HUANG, Peter TANG-JENSEN and Keith MICHEL</i>
	ISSDC'09-04	POSSIBILITY OF HALF FUEL OIL CONSUMPTION VESSEL	<i>Kazuyuki OUCHI</i>
	ISSDC'09-05	POSSIBILITY OF SUPER HIGH-SPEED MARITIME TRANSPORTATION OF LOW ENVIRONMENTAL LOAD : WING IN SURFACE EFFECT SHIP	<i>Hikomichi AKIMOTO and Makoto KANEHIRA</i>

12:20

*Lunch*

13:40	<b>Resistance</b>		Session chair: Kazuyuki OUCHI
	ISSDC'09-06	A FULL-SCALE AIR LUBRICATION EXPERIMENT USING A LARGE CEMENT CARRIER FOR ENERGY SAVING	<i>Munehiko HINATSU, Yoshiaki KODAMA and Toshifumi HORI</i>
	ISSDC'09-07	NUMERICAL SIMULATION OF DRAG REDUCTION BY AIR BUBBLES	<i>Takafumi KAWAMURA and Asako MURAKAMI</i>
	ISSDC'09-08	ON A CALCULATION OF THE COEFFICIENT (FW) FOR THE DECREASE OF SHIP SPEED IN ACTUAL SEAS	<i>Masaru TSUJIMOTO, Mariko KURODA, Kazuya SHIBATA, Naoto SOGIHARA and Ken TAKAGI</i>
	ISSDC'09-09	SURFACE MICROSTRUCTURE OF UNDERWATER VEHICLE TO REDUCE FLUID RESISTANCE	<i>Tomokazu NAKAMURA, Ikuo YAMAMOTO, Naohiro INAGAWA and Kenichi WATANABE</i>

15:40

*Coffee Break*

16:00	<b>Engine</b>		Session chair: Tetsuya SENDA
	ISSDC'09-10	STUDY ON MEASURES TO REDUCE NO <sub>x</sub> EMISSION FROM SHIPS	<i>Koji TAKASAKI, Hiroshi TAJIMA, Kousuke OKAZAKI, Satoshi KAWAUCHI and Kimihiko SUGIURA</i>
	ISSDC'09-11	A DECISION MODEL COMPARING THE COST EFFICIENCY OF AIR EMISSIONS ABATEMENT METHODS OF A FLEET FOR IMO COMPLIANCE	<i>Océane BALLAND, Henrique.M.GASPAR and Stein Ove ERIKSTAD</i>
	ISSDC'09-12	ELECTRIC PROPULSION TO ENHANCE LNG CARRIERS' EFFICIENCY AND REDUCE EMISSIONS	<i>Pascal MANUELLE and Lionel JULLIAND</i>
	ISSDC'09-13	HIGH EFFICIENT WASTE HEAT RECOVERY SYSTEM FOR LARGE CONTAINER VESSELS	<i>Yoshihiro ICHIKI and Keiichi SHIRAISHI</i>

September 2nd, 2009

9:00	<b>Resistance AF I</b>		Session chair: Ryuji KOJIMA
	ISSDC'09-15	<b>SOME CONSIDERATION ON PREVENTION BIO-FOULING OF SHIPS FROM THE FOULING SITUATION OF BOUSEI MARU' S HULL</b> <i>Hitoshi KANEKO, Masanori TSUGANE, Kenshi KIMURA and Kaku ITO</i>	
	ISSDC'09-16	<b>DRAG REDUCTION CHARACTERISTICS OF POLYMER SOLUTIONS</b>  <i>Hiroto ANDO, Chiori TAKAHASHI, Michiko SEO, Tetsuya SENDA, Masaaki MOTOZAWA and Yasuo KAWAGUCHI</i>	

10:00

*Coffee Break*

10:20	<b>Resistance AF II and Rule</b>		Session chair: Hitoshi KANEKO
	ISSDC'09-17	<b>DIRECT MEASUREMENT OF THE LEACHING RATE OF ANTIFOULING AGENTS FROM SHIP'S HULL</b>  <i>Ryuji KOJIMA, Toshiaki SHIBATA, Shoko IMAI, Shinobu SUGASAWA, Koichi UEDA, Michihiro KAMEYAMA, Tetsuya SENDA, Yasuyuki KISEKI and Mizuho HONMA</i>	
	ISSDC'09-18	<b>STANDARDIZATION OF MARINE ENVIRONMENTAL RISK ASSESSMENT METHODS FOR ACTIVE SUBSTANCES AND ANTI-FOULING SYSTEMS ON SHIPS</b>  <i>Noriyasu NAGAI, Keisuke NAMEKAWA, Eiichi YOSHIKAWA and Tetsuya SENDA</i>	
	ISSDC'09-19	<b>INTERNATIONAL RULES, REGULATION AND STANDARDS FOR ENVIRONMENTALLY FRIENDLY SHIPS</b>  <i>Koichi YOSHIDA</i>	

11:50

*Lunch*

13:40	<b>Environment</b>		Session chair: Hideyuki ANDO
	ISSDC'09-20	<b>HOW OIL AND GREASE FREE BEARINGS ELIMINATE A POTENTIAL POLLUTION SOURCE WHILE REDUCING MAINTENANCE COST</b>  <i>Maarten C.M.JANSEN</i>	
	ISSDC'09-21	<b>BALLAST WATER MANAGEMENT - UPDATE ON IMO AND THE US REGULATIONS</b>  <i>Shuji MARUYAMA</i>	
	ISSDC'09-22	<b>SPS COMSPS COMPACT DOUBLE HULL - EQUIVALENT PROTECTION TO CONVENTIONAL DOUBLE HULL AND REDUCED ENVIRONMENTAL IMPACT</b>  <i>SJ KENNEDY and MA BROOKING</i>	

15:10

*Coffee Break*

15:30	<b>Propulsor Navigation</b>		Session chair: Masanori TSUGANE
	ISSDC'09-23	<b>EFFICIENCY AND WEIGHT: CONSIDERATIONS FOR IMPROVED PROPELLER DESIGN</b>  <i>Jyh-Yih LI, Chi-Shin CHANG, I-Chang HUANG and Sing-Kwan LEE</i>	
	ISSDC'09-24	<b>EFFECT AND APPLICATION OF PBCF (PROPELLER BOSS CAP FIN)</b>  <i>Yoshikazu TANAKA, Takeo NOJIRI and Takahiro KOH</i>	
	ISSDC'09-25	<b>DEVELOPMENT OF SHIP PERFORMANCE MONITORING SYSTEM FOR FLEET OPERATION</b>  <i>Hideyuki ANDO, Ryo KAKUTA, Yasuo TANAKA and Hideaki NOMURA</i>	
	ISSDC'09-26	<b>FUEL CONSUMPTION MINIMIZATION PROCEDURE OF SAIL-ASSISTED MOTOR VESSEL BASED ON A SYSTEMATIC MESHING OF THE EXPLORED AREA</b>  <i>Stéphane MARIE and Eric COURTEILLE</i>	
	ISSDC'09-27	<b>OPTIMUM SHIP ROUTEING</b>  <i>Kazuo YOKOKAWA</i>	

18:00	<b>Closing Remarks</b>		Session chair: Yasunori NIHEI
		<b>CLOSING ADDRESS</b>	