

ISSDC'09 Program

September 1st, 2009

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

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

10:30

Coffee Break

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

12:20

Lunch

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

15:40

Coffee Break

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

September 2nd, 2009

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

10:00

Coffee Break

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

11:50

Lunch

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

15:10

Coffee Break

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

18:00	Closing Remarks		Session chair: Yasunori NIHEI
		CLOSING ADDRESS	