



HPMV CHINA 2009

9th International Conference on High Performance Marine Vehicles

17 – 18 April, 2009 Shanghai, China

in association with

2009 China International Boat Show

16 – 19 April, 2009 Shanghai, China

Second Announcement

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Registration

Organised by

The Royal Institution of Naval Architects (RINA)
Shanghai Association of Shipbuilding Industry (SASI)
Ship Design Academy Committee, CSNAME
China Boat Industry & Trade Association (CBITA)

Supported by

China Society of Naval Architects and Marine Engineers (CSNAME)
China Association of National Shipbuilding Industry (CANSI)

HPMV CHINA 2009
17-18 APRIL 2009 –SHANGHAI

Over 500 papers have been presented and published in both Chinese and English at the annual China International Conference on High Performance Marine Vessels, which is now in its 9th year and which has become an important forum for the discussion of technical and scientific matters relating to high performance marine vessels in both the Chinese domestic and international markets.

High performance marine vessels for both commercial and recreational use continue to be developed to meet a wider range of roles and more demanding operating conditions. The high speed maritime industry is seeking to extend its operating envelopes, reduce downtime and increase reliability, safety and comfort. The use of new materials and more efficient production methods are being explored to reduce costs.

HPMV China 2009 will again bring together representatives of international maritime industry and academia to present and discuss developments relating to a wide range of high performance marine vessels, including small planning craft, paramilitary vessels, passenger ferries, freight carriers and recreational craft. Monohull, multihull, ACV/SES/WIG/HYF, and novel hull designs will all be covered.

Conference Topics

The Conference will present papers on the following topics:

- ✧ Hydrodynamics
- ✧ Structures
- ✧ Propulsion
- ✧ Design and production technologies
- ✧ Materials
- ✧ Safety, Regulation and Classification
- ✧ Motion control
- ✧ Shore facilities
- ✧ Operations

China International Boat Show 16-19 April 2009

The Conference will be co-located with the China International Boat Show. This very successful Show, now in its 14th year, will provide speakers and delegates with the opportunity to meet representatives of the Chinese and International boat industry, and discuss new developments in boat and equipment manufacture.

Organising Committee

Honorary Chairmen: Mr. Wang Rong-Sheng, President, CBITA
Mr. Huang Ping-Tao, President, CSNAME

Co-Chairman: Mr. Trevor Blakeley, Chief Executive, RINA
Mr. Zhou Zhen-Bai, Vice President, CBITA, and President, SASI

Vice Chairman: Prof. Yun Liang, Consultant of SDAC, CSNAME
Mr. Miao Guo-Ping, Shanghai Jiaotong University

Secretary General: Mr. Yang Xin-Fa, Secretary General, SASI

Members: : Mr. Zheng Ming, Rear Admiral, Vice Director of SDAC, CSNAME
Mr. Li Xiao Ping, Vice Senior Engineer. Marine Design & Research
Institute, China
Mr. Zhong Zhen-De, China Ship Scientific Research Center

International Committee

Chairman : Mr. Trevor Blakeley, Chief Executive, RINA
Ms. Hu An-Kang, President of Marine Design & Research Institute, China

Vice Chairman: Prof. Yun Liang, Consultant of SDAC, CSNAME
Prof. D. Savitsky (Stevens Institute of Technology, USA)

Members: Dr. N. Bose (Memorial University of Newfoundland, Canada)
Prof. L. Doctors (University of New South Wales, Australia)
Prof. A. Fjorentino (Federico II University, Italy)
Prof. C. Kuo (Strathclyde University, UK)
Prof. H. Miyata (University of Tokyo, Japan)
Prof. P. Wilson (University of Southampton, UK)
Prof. K. V. Rozhdestvensky (Saint-Petersburg State Marine Technical
University, Russia)
Prof. Dong Zu-Shun (Naval Engineering University of PLA, China)
Prof. Li Yun-Bo (Harbin Engineering University, China)
Prof. Yang Qi (Shanghai Jiao Tong University, China)
Prof. Yang Song-Lin (Jiangsu University of Science and Technology)
Mr. Hu Jing-Tao (President of Shanghai Merchant Ship Design &
Research Institute, China)
Prof. Xu Wei (Chang Jiang Ship Design Institute, China)
Researcher. Yang Chun-Qin (Shanghai Ship and Shipping Research
Institute, China)
Vice Senior Engineer Sun Yong-Hua (Marine Design & Research
Institute, China)
senior engineer Wang Fang-yuan (China Classification Society)
senior engineer Ni Qi-Jun (China Ship Scientific Research Center)
senior engineer Liu Qun (Marine Design & Research Institute, China)

Secretary: Ms. Zhao Lan, SASI
Ms. Chen Fang, SASI

Program

The following papers will be presented during the conference:

I .SWATH

- 1. Research on SWATH propeller's anti-areation plate with self-adaption, resistance reduction**
- 2. An Investigation of Wave Interference and Configuration on Pentamaran with Small Waterplane Center Hull**
- 3. Optimal Design for the Complex Navigation Performance and Trail Results of SWATH Oceanography Survey Vessle('Shiyan1')**
- 4. The SWATH of "Strait Passenger Liner"**

II .Multihull craft

- 1. Propulsion Aerodynamics and Structure Strength Evaluation for a Hoverhawk Warp Drive Propfan**
- 2. A High-speed Ferry of Compound Catamaran**
- 3. The Research about the performance of Tri-Foil based on self-control model test**
- 4. Development and Application Foreground of Dynamic Cushion High Speed Craft**

III.High Speed Craft

- 1. Aerodynamically Alleviated Marine Vehicles(AAMV):Development of A Mathematical Framework to Design High Speed Marine Vehicles with Aerodynamic Surfaces**
- 2. The Application of Americas Cup Design Methods and Technology to High Performance Vessels**
- 3. The Design of High Performance Official Watercraft**
- 4. Rapidity Research of New High Performance Ocean Salvage Vessel**
- 5. The Study on Highly Supercritical Planning by Taking Advantage of the Wing-in-ground Effect Unloading Technology**

IV.New material,new technology and new equipments

- 1. Composites in High Performance Marine Vessels.Analysis of Long Term Cost and Benefits**
- 2. Research Progress of Friction Stir Welding of Ship on Abroad**
- 3. Waterjet Technique and Application**
- 4. The Performance of Puller-type Podded Propulsor in Straight Forward Motion and at Helm Angles**
- 5. The Lastest Developments in Surface Piercing Propeller in CSSRC**

Timetable

April	16	18:00	Banquet
April	17	8:00-9:00	Registration
		9:00-9:30	Opening Ceremony of the conference
		9:30-12:00	Conference
		13:00-17:00	Conference
April	18	9:00	Visting the deep ocean pool of Shanghai JiaoTong university

Shanghai JiaoTong University opened a pool to imitated the environment of the deep ocean in November,2008,which makes China the third country in the world to recreate such condition for deep ocean projects. The pool , measuring 50 meters in length and 10m in depth ,can make waves 0.5m high. A 40m well in the middle of the pool can imitate the environment of oil exploration in 4000m deep waters.

Registration

☐ I wish to attend the conference as a delegate

Hotel Accommodation

☐ I hope the organizer make a hotel booking for me.

☐three-star ☐ four-star ☐ five-star

☐ I will book hotel by myself

Please send registration details.

Name:

Company:

Position:

Address:

Tel:

Fax:

Email:

Please return this form by email to:

Ms. Chen Fang

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Shanghai, China

Tel: +86-21-62675855 Fax:+86-21-62675890

Email:chinaboatshow@yahoo.com.cn (CC:csasi@online.sh.cn)

The Conference Fee is **USD300** per person, which will include a copy of the proceedings, admission to the China International Boat Show, the conference banquet.