



CIMAC

INTERNATIONAL COUNCIL
ON COMBUSTION ENGINES

OCTOBER 15-16, 2015 | HANGZHOU, CHINA

7th CIMAC CASCADES SEMINAR FOR YOUNG ENGINEERS

Power for Inland, Coastal and Offshore Shipping, Dual Fuel
or Gas Engine?



7th CIMAC CASCADES 2015

Invitation



Dear friend of CIMAC,

On behalf of the China National Membership Association (NMA), I would like to invite you to CIMAC CASCADES 2015, the forum for young engineers in the field of large combustion engines, their components and applications. CASCADES will be held on **October 15–16, 2015, Hangzhou, China**. The topic of the seminar is **“Power for Inland, Coastal and Offshore Shipping, Dual Fuel or Gas Engine?”**.

The event will offer students and engineers the opportunity to meet and exchange information with leading industry experts. Young engineers from university and industry will present their work and provide inspiration to students and recent graduates.

Presenters | Title | Company

Dr. Harald Schlick | Experimental studies on a High Speed Single Cylinder Engine for Dual Fuel operation
AVL List, Austria

Mr. Bozong HU | Turbocharging Solutions for Gas and DF Engines
ABB Jiangjin Turbo Systems Company, China

Mr. Xiang LI | Combustion Simulation Investigation of Large Natural Gas Engine
Shanghai Marine Diesel Engine Research Institute, China

Dr. Liping YANG | Effect of Intake In-homogeneity on the Mixture Formation and Combustion Process in Natural Gas Engine
Harbin Engineering University, China

Mr. Dan LI | LNG Engine Power for Inland Shipping Application
CNPC Jichai Power Equipment Company, China

Mr. David Zhang | New Milestone: Continuous Development on DF engine to Brace Future
Wärtsilä Marine Solutions, Finland

Mr. Takanori Kuroiwa | Development of Direct Drive Marine Propulsion Dual Fuel Engine Niigata 28AHX-DF
Niigata Power Systems Co., Ltd. Japan

Mr. Kazuyuki Hirasouzu | Marine Gas Engine Development
Yanmar Co., Ltd. Japan

Mr. Seong Cheol, Jeong | Development of HiMSEN 27/33 Dual Fuel Engine
Hyundai Heavy Industries Co., Ltd. Korea

I'm looking forward to seeing you in Hangzhou. Sincerely,



Prof. Donghan JIN

Vice President of Chinese Society for Internal Combustion Engines
President of Shanghai University

7th CIMAC CASCADES 2015

Programme



Oct. 15th 08:00 – 12:00 Registration at the hall of Shangri-La Hotel, Hangzhou

14:00 – 17:00 Visit Grand Canal Museum

18:00 – 19:15 Welcome dinner at Louwailou Restaurant

19:40 – 21:00 Enjoy grand open-air show “Impression West Lake”

Oct. 16th 08:00 – 08:45 Registration outside of the meeting room

08:45 – 09:00 Welcome Speech by Prof. Donghan JIN

09:00 – 09:30 Keynote Speech by Prof. Xiaofeng LUO (China Classification Society)

09:30 – 11:00

Session I

Experimental studies on a High Speed Single Cylinder Engine for Dual Fuel operation

Dr. Harald Schlick

Combustion Simulation Investigation of Large Natural Gas Engine

Mr. Xiang LI

Development of Direct Drive Marine Propulsion Dual Fuel Engine Niigata 28AHX-DF

Mr. Takanori Kuroiwa

11:00 – 11:30 Coffee break

11:30 – 13:00

Session II

New Milestone: Continuous Development on DF engine to Brace Future

Mr. David Zhang

Effect of Intake In-homogeneity on the Mixture Formation and Combustion Process in Natural Gas Engine

Dr. Liping YANG

Marine Gas Engine Development

Mr. Kazuyuki Hirasouzu

13:00 – 14:00 Lunch break

14:00 – 16:00

Session III

Turbocharging Solutions for Gas and DF Engines

Mr. Bozong HU

LNG Engine Power for Inland Shipping Application

Mr. Dan LI

Development of HiMSEN 27/33 Dual Fuel Engine

Mr. Seong Cheol, Jeong

16:00 – 16:20 Coffee break

16:20 – 16:40

CIMAC CASCADES AWARD

16:40 – 17:00 Closing remarks by Mr. Axel Kettmann (CIMAC Vice-President Communication)

7th CIMAC CASCADES 2015

General Information



Registration

Registration is open from August 15 to October 9, 2015.

Participation Fee

- Participants: RMB 1200 (including academic, welcome dinner and tour)
- Students: Free of charge (not including dinner and tour)
- Dinner and tour: RMB 300 (for students and accompany persons who are going to attend)

Registration will be coordinated by CSICE (Chinese Society for Internal Combustion Engines): CimacCascades2015.csice.org.cn. You will receive an official confirmation and invoice by e-mail. Please pay by bank transfer before October 9, 2015.

Hotel Accommodation

A number of rooms have been reserved for 7th CASCADES 2015. Please send the Hotel Reservation Form back of after filling in, which is included in the official confirmation e-mail. Further information about Hangzhou and all hotels can be found at: <http://www.hangzhou.gov.cn/main/zpd/English> and <http://english.ctrip.com>

Category	Hotel	Single Room	Double Room
A *****	Hangzhou Shangri-La Hotel	RMB 700	RMB 700
B ***	Huabei Hotel	RMB 568	RMB 668
C ***	Lily Hotel	RMB320 (Single bed) RMB530 (Queen-size or larger)	RMB400
D	Home Inn West Lake Broken Bridge	RMB259 (Single bed) RMB279 (Queen-size or larger)	RMB279



7th CIMAC CASCADES 2015

General Information



Travel information

By Flight: Hangzhou Xiaoshan International Airport (Airport Code: HGH or ZSHC)

- By taxi: about 50 minutes; around RMB 120
- By bus: Airport shuttle bus to Wulin Men Station and transfer taxi; about 60 minutes; RMB 20+15

By Train: Hangzhou Railway Station

- By taxi: about 15 minutes; around RMB 15
- By bus: Take K7 to get off at Xinxin hotel (Arrive East Wing) or Yuefei Temple (Arrive West Wing); about 30 minutes; RMB 2

By Train: Hangzhou East Railway Station

- By taxi: about 40 minutes; around RMB 40
- By Metro: Take Line 1 to get off at Longxiang Qiao Station and transfer taxi; about 25 minutes; RMB 4+15
- By bus: Take K28 to get off at Zhiwu Yuan Station and transfer K7 to get off at Yuefei Temple Station; about 70 minutes; RMB 2+2

Venue

Shangri-La Hotel, Hangzhou
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