

















JUNE 14<sup>th</sup> - 17<sup>th</sup>, 2010

# 26<sup>th</sup> CIMAC World Congress on Combustion Engine Technology

for Ship propulsion Power generation Rail traction







#### Come to Bergen, You'll be most welcome.



### CIMAC National Member Association Norway, through Cimac 2010 AS has the pleasure of organising the 26th CIMAC World Congress on Combustion Engines, scheduled for 14 – 17th June 2010 in Bergen/Norway.

It is a special honour for us to have been awarded the next congress by CIMAC, an organization which has been acting for more than 50 years as a lively and attractive forum for engine and turbine builders and users. Today, CIMAC is the most important platform for the dialogue between the engine industry's technical experts and its customers.

The Congress is devoted to the presentation of papers in the fields of marine, power generation and locomotive engine engineering covering state-of-theart technologies as well as the application of such engines. Moreover, the event provides the unique opportunity to meet colleagues and customers from the industry around the world.

Bergen is an old city with long traditions of trade connections to most cities around the North Sea. Bergen is still a small city. The Congress hotels are located in walking distance from Grieghallen Congress Centre. With its beautiful and spectacular surroundings of 7 mountains and the sea, Bergen is a given place for an international congress and exhibition.

The number of abstracts submitted for selection is 295, which is all time high. 185 abstracts are accepted for regular sessions and 77 for the poster session. An informative and high-quality congress is guaranteed.

An exhibition will complement the technical sessions. The exhibition will be located in the same building, in Grieghallen Congress Centre and thus be closely integrated into the CIMAC Congress.

You and your accompanying partner will, during the social events of the Congress, feel the special atmosphere of Bergen in the light of the Nordic summer nights.

The 2010 Organising Committee invites you to the 26th CIMAC World Congress on Combustion Engine Technology. We wish you a successful and enjoyable stay in Bergen.

Einer W. Sund

President of the 26th CIMAC World Congress



**The City** Bergen is an international town with small-town charm and atmosphere. The inhabitants love to show off their beautiful and many-sided city. They are proud of Bergen's shipping, trading and cultural traditions. The city with its 250,000 inhabitants is like a spectacular amphitheatre clambering up the mountainsides, overlooking the sea, embracing you. You can roam through living history in this modern city, the gateway to the wildest and loveliest fjords of Norway. Tradition, initiative and drive have made Bergen one of Norway's most vigorous cultural cities.

**Conference Venue** The Grieg Hall is eminently suitable as a venue for events spanning from small intimate meetings to the most grandiose occasion. The variety and flexibility of our facilities have enabled the Grieg Hall to host international events such as the CIMAC Congress. The new addition to the building will function excellent as the exhibition and poster section of the congress.

### **Registration & Hotel Accommodation Hotel Accommodation Detailed information about the registration and hotel accommodation will be sent to you with the Preliminary Programme in January. You will then be able to register online at www.cimac.com. Together with the registration you will also be able to book your preferred hotel, social programme and excursions. The registration will start immediately after the preliminary programme is distributed, mid of January 2010.**

Social Programme We have organized an exciting and varied Social Programme for you, which will consist of an Opening Ceremony, a Welcome Reception, a Gala Dinner and the traditional ABB Evening. In order to present you an entertaining impression of Bergen we have selected traditional activities and themes. A varied choice of optional excursions and activities for accompanying persons will also be on offer.

## Programme

		Monday, 14th June	e 2010		
08:00	Registration at Grieghallen				
10:00 - 12.00	Opening ceremony Keynote speech				
	Room A	Room B	Room C	Room D	
13.30 – 15.00	(1–1) Product Development – Diesel Engines – High Speed Engines	(8–1) Integrated Systems & Electronic Control – Engines, Turbines & Applications – Sensors & Actuators	(6–19) Product Development, Component & Maintenance Technology – Gas Engines – New Engines	(4–1) Diesel Engines – Tribology I	
15.30 – 17.00	(1–2) Product Development – Diesel Engines – Medium Speed Engines I	(3–10) Environment, Fuel & Combustion – Diesel Engines – Overview Emissions	(6–2) Product Development, Component & Maintenance Technology – Gas Engines – New Components	(4–2) Diesel Engines – Tribology II	
18:00	Welcome reception				
Tuesday, 15th June 2010					
08.30 – 10.00	(1–3) Product Development – Diesel Engines – Medium Speed Engines II	(3–3) Environment, Fuel & Combustion – Diesel Engines – PM / Smoke	(6–3) Product Development, Component & Maintenance Technology – Gas Engines – Technology, Fuels & Emissions	(9–1) Turbochargers & Turbomachinery – New Products	
10.30 – 12.00	(1–4) Product Development – Diesel Engines – High & Medium Speed Engines	(3–4) Environment, Fuel & Com- bustion – Diesel Engines – NOx	(6–4) Product Development, Component & Maintenance Tech- nology – Gas Engines – Operating Experience	(9–2) Turbochargers & Turbomachinery – Advanced Turbocharging Systems I	
13.30 – 15.00	(1–5) Product Development – Diesel Engines – Low Speed Engines	(3–5) Environment, Fuel & Combustion – Diesel Engines – Injection & Engine Technologies	(6–5) Product Development, Component & Maintenance Tech- nology – Gas Engines – Non– Traditional Gases & Tribology	(9–3) Turbochargers & Turbomachinery – Advanced Turbocharging Systems II	
15.30 – 17.00	(12) Users' Aspects – Land–based Applications (Power Generation, CHP, Oil & Gas, Rail etc.)	(3–6) Environment, Fuel & Combustion – Diesel Engines – Emission Reduction	(2–5) Fundamental Engineering – Gas Engines	(9–4) Turbochargers & Turbomachinery – Aspects of Turbomachinery	
18:30	ABB Evening				
		Wednesday, 16th Ju	ine 2010		
08.30 – 10.00	(11–1) Users' Aspects – Marine Applications – Service Experi- ences	(2–1) Fundamental Engineering – Piston Engines – Combustion Four Stroke	(3–7) Environment, Fuel & Combustion – Diesel Engines – Modelling I	(8–4) Integrated Systems & Electronic Control – Engines, Turbines & Applications – Electronic Control Systems	
10.30 – 12.00	(11–2) Users' Aspects – Marine Applications – Monitoring	(2–2) Fundamental Engineering – Piston Engines – Mechanics I	(3–8) Environment, Fuel & Combustion – Diesel Engines – Modelling II	(5–1) Component & Mainte- nance Technology – Piston Engines – Components	
13.30 – 15.00	(11–3) Users' Aspects – Marine Applications – Fuels	(2–3) Fundamental Engineering – Piston Engines – Combustion Two Strokes	(3–9) Environment, Fuel & Combustion – Diesel Engines – Downstream Components	(5–2) Component & Mainte- nance Technology – Piston Engines – Wear & Monitoring	
15.30 – 17.00	Diesel Engine Panel	Gas Engine Panel			
		Thursday, 17th Jun	ne 2010		
08.30 – 10.00	(8–3) Integrated Systems & Electronic Control – Engines, Turbines & Applications – Operation & Field Experience	(3–1) Environment, Fuel & Combustion – Diesel Engines – Fuels I	(2–4) Fundamental Engineering – Piston Engines – Thermodynamics	(5–4) Component & Mainte- nance Technology – Piston Engines – Injection	
10.30 – 12.00	(8–2) Integrated Systems & Electronic Control – Engines, Turbines & Applications – Fuel Injection & Valve Actuation	(3–2) Environment, Fuel & Combustion – Diesel Engines – Fuels II	(2–6) Fundamental Engineering – Piston Engines – Mechanics II	(5–3) Component & Mainte- nance Technology – Piston Engines – Noise & Vibration	
13.30 – 14.30	Special Collin Trust Lecture				
14.30 – 16.00	Final Panel discussion				
18:30	Gala Dinner Party				



Exhibition	The CIMAC Congress is one of the most important international events in the field of large diesel and gas engines, covering also turbine applications. The exhibition will be central part of the Congress and will contribute to communication within the industry.		
Some useful information	Basic grid from 3 x 4 m (12 sqm) to larger open stands Price per sqm NOK 3.000,- + VAT (25%) Stand Height max 2,5m		
Exhibition Opening Times	Monday14th June12:00 - 18:00Tuesday15th June08:30 - 18:00Wednesday16th June08:30 - 18:00Thursday17th June08:30 - 14:00		
	If you are interested in exhibiting and require more about the exhibition, please contact: Mr Mads Vold Congress-Conference AS Ph. + 47/ 22 56 19 30 mail: mads@congrex.no	nformation	
Post Congress Tours	A variety of technical visits will be offered to all participants and accompanying persons on 18th June, just after the end of the Congress. <b>Congress Location:</b> Grieghallen, Edvard Griegs Plass 1, 5015 Bergen, Norway		
Some Useful Information	Participation Fee (including 25% VAT)CIMAC members14 000 NOK(ApproxNon-members15 000 NOK(ApproxSpeakers9 500 NOK(ApproxStudents6 000 NOK(Approx	. € 1667*) . € 1786*) . € 1131*) . € 715*) . € 357*)	

Congress Language: English



### Organisation Organising Committee of the 26th CIMAC World Congress in Bergen/ Norway

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**Sponsorship** The CIMAC President and the Organising Committee highly appreciate your participation as sponsors. This outstanding event will be an ideal platform to present your company. We offer you a unique opportunity by various sponsorship packages.

### For further information about Sponsorship please contact:

Congress Conference AS Mr Mads Vold – Sales and Exhibition Manager Phone: + 47/ 22 56 19 30 E-mail: mads@congrex.no