

ANGVA 2009 PRELIMINARY CONFERENCE PROGRAMME

<i>Pre-Conference Day</i>		<i>October 26th 2009, Monday</i>
09:30 – 12:30	ANGVA Board Meeting	
14:30 – 17:00	Pre-Registration for Conference	
14:00 – 17:00	Technical Tour	
18:00 – 21:00	Informal Korean Traditional Activities	
<i>Day One</i>		<i>October 27th 2009, Tuesday</i>
08:00 – 17:00	Conference Registration	
09:00 – 17:00	Accompanying Persons' Programme	
09:00 – 18:00	Exhibition	
09:00 – 11:00	Opening Ceremony Welcoming Remarks by Mayor of Donghae City Welcoming Remarks by President of ANGVA Welcoming Remark by Governor of Gangwon Province Speech and Official Opening by VVIP	
11:00 – 12:30	Guest of Honour to visit Exhibition Booths Delegates to visit Exhibition Booths	
12:30 – 14:00	Lunch/Visit Exhibition	
	Keynote Addresses	
14:00 – 14:30	Keynote Address 1 Topic: The Energy Supply and Transportation Fuel Challenge for NGV. Speaker: Mr. Choo KangSoo, CEO, KOGAS.	
14:30 – 15:00	Keynote Address 2 Topic: The Status on Global NGV Industry. Speaker: Rich Kolodziej, President, IANGV	
15:00 – 15:30	Keynote Address 3 Topic: The Environmental and Climate Change Challenge for NGV. Speaker: Kazunobu Onogawa, United Nations Centre for Regional Development (UNCRD).	
15:30 – 15:45	Tea Break	
	Session 1: NGV Markets I Chairperson: (Invited)	
15:45 – 16:05	P1: Policy and Regulatory Impact Assessment on World's Largest CNG Market - Pakistan Case Study. Muazzam Hussain Chaudry, Executive Director, Oil & Gas Regulatory (OGRA), Pakistan	

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Day One		October 27 th 2009, Tuesday
6:05 – 16:25	P2: Review of Rapid Progresses On CNG Industry and Associated Infrastructures in Iran. Speaker: Mostafa Alavi, Keyvan Sharifi, Shahram Kholghi, Iranian Gas Khodro Company, IR of Iran. Speaker: Mostafa Alavi, Managing Director, Iranian Gas Khodro Company	
16:25 – 16:45	P3: NGV Programs in Bangladesh: Challenges and Success. Engr Shafiul Azam, Managing Director, Engr Md. Shafiqul Islam, Deputy Manager (CNG), Rupantarita Prakritik Gas Company (RPGCL), Bangladesh. Speaker: Shafiul Azam	
16:45 – 17:05	P4: Development, Progress and Challenges of NGV Market in China Willis Guan, China Automotive Technology And Research Center	
18:30 – 21:00	Welcome Reception – Host by Donghae City	
Day Two		October 28 th 2009, Wednesday
09:00 – 17:00	Accompanying Persons' Programme	
09:00 – 18:30	Exhibition	
16:00 – 17:40	Product Presentation Session	
09:00 – 09:30	Session 1: NGV Markets II Chairperson: (Invited)	Session 2 : Engines & Vehicles I Chairperson: Peter Boisen, NGVA Europe
09:00 – 09:20	P5: NGV Markets in Asia Pacific Lee Giok Seng, Executive Director, ANGVA	P9: The Greenhouse Emissions (Life Cycle Analysis) of Natural Gas for Heavy Vehicles. Mark McKenzie, Rare Consulting, Australia
09:20 – 09:40	P6: Revitalising the NGV Market in Indonesia – Progress and Challenges Danny Praditya, Secretary-General, Indonesian CNG Association	P10: The Evolution of the Heavy-Duty NGV to Hybrid NGV Vehicle Douglas M. Leone. Staff Engineer. Woodward Industrial Controls. USA.
09:40 – 10:00	P7: Malaysian CNG Development and Challenges. M Haikal Zubir, Head, NGV Operation & Technical Services, PETRONAS Dagangan Bhd, Malaysia	P11: LNG Dedicated and Dual – Fuel Engine Development for Heavy Duty Diesel Engine. Yonggyun Lee. Seungil Yang. EngineTech Co., Korea Speaker: Na Pyungchul
10:00 – 10:20	P8: NGV Development Challenges in Singapore. William Aw, Managing Director, SmartEnergy, Singapore	P12: Development of Low NOx CNG Engine Using Lean Burn System. Lee Dong In, Kim Sang Ho, Baek Junghyun, Ryu Jaeduk, Lee Jungyong. Doosan Engine, Korea Speaker: Lee Jungyong
10:20 – 10:40	Tea Break	

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Day Two		October 28 th 2009, Wednesday
	<p>Session 3: LNG For NGV Chairperson: Brenda Smith, Treasurer, ANGVA/Managing Director, Gas Advisers, Hong Kong</p>	<p>Session 2: Engines & Vehicles II Chairperson: Peter Boisen, NGVA Europe</p>
10:40 – 11:00	<p>P18: Benefits of Using LNG As A Fuel. Philippe Heisch, LCNG/LNG Refuelling Stations Business Development, CRYOSTAR Automation, France Speaker: Samuel ZOUAGHI</p>	<p>P13: Recent Advances in CNG Engine Technology. Dr. S.S. Thipse, S.D.Rairikar, Kavathekar. The Automotive Research Association of India, Pune, India Speaker:</p>
11:00 – 11:20	<p>P19: Russian LNG for NGV. Eugene Pronin, NGV Division Head, GAZPROM, Russia/ NGVRUS President</p>	<p>P14: Developing New Turbocharged Natural Gas Engine: Problems and Solutions. Hossein Izanloo, Mahdi Ahmadi, Irankhodro Powertrain Company. IR of Iran Speaker:</p>
11:20 – 11:40	<p>P20: LNG for the Australian Forest Transport Operators – Australia’s First Dedicated Pipeline to Truck LNG Project. Mark McKenzie, Rare Consulting Pty Ltd, Australia</p>	<p>P15: Repowering Diesel Vehicle with Compressed Natural Gas Engine in Thailand. Lee Dong In, Kim Sang Ho, Min Kyunhong, Park Yunsub, Lee Sangseol. Doosan Engine, Korea Speaker: Lee Dong In</p>
11:40 – 12:00	<p>P21: LNG Vehicle Tanks. Claus Emmer, LNG Systems Sales Manager, Chart Inc, USA</p>	<p>P16: Challenges during the development of pressure – and temperature sensors for sophisticated Natural Gas Vehicle (NGV) Engine Management Systems. Byeong-Seol Min, Sensata Technologies. Korea</p>
12:00 – 12:20	<p>P22: A Study on the Safety Infrastructure of Demonstrated LNG Vehicles. Seung Hyun Lee¹, Yeung Soon Lee², Seung Rim Lee¹. Speaker: Seung Hyun Lee. ¹Korea Gas Safety Corporation. ²Seoul National Technology University, Korea</p>	<p>P17: Progress and Challenges of Becoming the Largest OEM CNG Car Manufacturer. Sayed Mohammad Tajali Bakhsh, Ali Goodarzi, Maryam Fakhreddin. Iran Khodro Company, IR of Iran Speaker:</p>
12:20 – 14:30	Lunch / Visit Exhibition	

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Day Two		October 28 th 2009, Wednesday	
	Session 4: LNG / LCNG Chairperson: (Invited)	Session 5: Research & Development Chairperson: (Invited)	
14:30 – 14:50	P23: Producing Compressed Natural Gas For Natural Gas Vehicles By Alternative and Traditional Ways. Hassan Eftekhari ¹ , Mahmood Farzaneh-Gord ² . ¹ National Iranian Natural Gas Company. ² Shahrood University of Technology, Iran Speaker:	P26: Performance of CNG Fuelled Direct Injection Engine at MBT Timing. M.K. Hassan, I. Aris, S. Mahmud, R. Sidek. Faculty of Engineering, Universiti Putra Malaysia, Serdang, Malaysia Speaker:	
14:50 – 15:10	P24: The Progress from Development of Korea-Specialized CNG Refuelling System to LNG and Hydrogen Refuelling System. Y.B. Park ¹ , S.D. Oh ² , S.J. Yoon, I.K Park ² . ¹ Yoosung TNS. ² Hyosung Corporation. Speaker:	P27: Study of Adsorbents for Vehicular Natural Gas Storage. Luiz Carlos Lobato dos Santos ¹ , Leopoldo Oswaldo Alcazar Rojas ² , Sebastiao Ribeiro Ferreira ³ , Caetano Moraes ⁴ . ¹ Universidade Potiguar, Brazil. ² Centro de Tecnologieas do Gas, Brazil. ³ Universidade Federal do Rio Grande do Norte, Brazil ⁴ Universidade Federal do Rio de Janeiro, Brazil Speaker:	
15:10 – 15:30	P25: LCNG / LNG (Invited)	P28: Natural Gas Adsorption Storage for Vehicles. Dr. Eng. Usama M. Nour Eldemerdash. PETRONAS University of Technology, Malaysia	
15:30 – 15:45	Tea Break		
15:50 – 18:30	ANGVA Biennial General Meeting (Council Meeting). Election of Executive Committee Members.	Product Presentation Sessions at Exhibition Hall.	
		16:00 – 16:20	Exhibitor A
		16:20 – 16:40	Exhibitor B
		16:40 – 17:00	Exhibitor C
		17:00 – 17:20	Exhibitor D
		17:20 – 17:40	Exhibitor E

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Day Three		October 29 th 2009, Thursday
09:00 – 17:00	Accompanying Persons' Programme	
09:00 – 16:00	Exhibition	
	Session 6: Refuelling Station and Gas Transportation Chairperson: (Invited)	Session 7: Standards & Safety I Chairperson: Bernard James, President, TransEnerTech, Canada
09:00 – 09:20	P29: NGV Filling Stations and Major Equipment in China. Zhong Qiang Zhang, Vice General Manager, Enric Gas Equipment Co., Ltd, China	P33: Standards and Regulations: NGV Technology and Product Certification Management. Dr. Jeffrey M. Seisler, CEO, Clean Fuels Consulting, Brussels, Belgium
09:20 – 09:40	P30: Daughter Station Technology Gabriele Gozzi, Commercial Director, Idro Meccanica Srl, Italy	P34: Regulatory Requirements and Advanced Safety Trends for NGVs in India. S.D. Rairikar, K.P. Kavathekar, Dr. SS Thipse, N. V. Marathe. Automotive Research Association of India, Pune, India
09:40 – 10:00	P31: Flared Gas for NGV Applications in Nigeria. OKwudili Israel Obi, Project Director, ODIZIM Limited, Lagos, Nigeria	P35: RFID "All in One" Project Giancarlo Cattini, Landi Renzo, Italy
10:00 – 10:20	P32: The Development and Qualification Process of An 8400 L All Composite 250 Bar Compressed Natural Gas Tank for Bulk Transportation Purposes. Brock Peterson. Lincoln Composites, Inc., USA	P36: RFID – The Solution for Safe Refueling. Ashleigh Patterson, Viridis Technologies Inc, Ontario, Canada
10:20 – 10:40	Tea Break	
	Session 8: Biomethane - Renewable and Sustainable NGV Chairperson : (Invited)	Session 7: Standards & Safety II Chairperson : Bernard James, President, TransEnerTech, Canada

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Day Three		October 29 th 2009, Thursday
10:40 – 11:00	<p>P42: Prospect and Challenges of Biomethane as a Renewable and Sustainable Fuel for Vehicles. Peter Boisen, NGVA Europe</p>	<p>P37: Drying Natural Gas in Today's NGV Stations. Guy Couturier, Senior Sales Applications Specialist, Xebec Adsorption Inc., Quebec, Canada</p>
11:00 – 11:20	<p>P43: CBG & LBG, the 2nd Generation Vehicle Fuel. Hans Kattstrom. Scandinavian Gts, Sweden</p>	<p>P38: A Study on Applications of Combination relief Devices in PRD of CNG Cylinder Valves. Young-Seob Kim¹, Jae-Hun Lee¹, Lae Hyun Kim². ¹Korea Gas Safety Corporation, ²Seoul National University of Technology Speaker:</p>
11:20 – 11:40	<p>P44: Exploring Biogas Opportunities as a Vehicle Fuel in South Korea: Learning From Sweden. Jaehyun Jang, International Institute for Industrial Environmental Economics, Lund University, Sweden</p>	<p>P39: A Review of ISO 19078 with regard to "Periodic Inspection of Vehicles that have not been Inspected During Their Inspection Frequency. Ali Momeni, M. Negahdar, Ayat din Yavari. Iran Khodro Company, IR of Iran Speaker:</p>
11:40 – 12:00	<p>P45: Technical and Commercial Prospects of Biogas as Vehicle Fuel in Thailand. Sudhibhumi Pumhiran, Somrudee Predapitakkun, Vijit Tangnoi. PTT Research and Technology Institute, PTT Public Co., Ltd. Thailand Speaker: Sudhibhumi Pumhiran.</p>	<p>P40: Advantages of the Composite Cylinder and the Study on Innovation of Hoop Wrapped Cylinder. Chang Zhiyong, Sinoma Science & Technology (Suzhou) Co., Ltd.</p>
12:00 – 12:20	<p>P46: Prospect of Utilizing Renewal Biogas as Biomethane to Fuel Vehicles – A Case Study for Far Western Nepal Thark Bahadur Shah, President (We Organisation), Nepal.</p>	<p>P41: Conventional Cylinders Vs. Composite Fiber Cylinders. Muthuramalingam, Project Consultant, India</p>
12:20 – 14:30	Lunch / Visit Exhibition	
	Panel Sessions: Natural Gas for Vehicles – Rising to the Challenge Moderator: (Invited)	

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<i>Day Three</i>		<i>October 29th 2009, Thursday</i>
14:30 – 14:40	To be advised.	
14:40 – 14:50	To be advised.	
14:50 – 15:00	To be advised.	
15:00 – 15:10	To be advised.	
15:10 – 15:40	Discussion and Q&A	
15:40 – 16:00	Tea Break	
16:00 – 16:30	Closing of Conference	
16:00 – 16:20	Introduction and Presentation of host for ANGVA 2011 Presentation of Chuncheon City for IANGV 2012	
16:20 – 16:40	Closing Remark by President of ANGVA Closing Remark by Mayor of Donghae City	
17:30 – 19:00	Farewell Cocktail	
<i>Day Four</i>		<i>October 30th 2009, Friday</i>
09:00 – 17:00	Accompanying Persons' Programme	
09:00 – 18:30	ANGVA NGV School CNG Cylinder Safety Workshop	
08:00 – 09:00	Registration	
09:00 – 09:30	Welcome	
	Introduction	
09:30 – 10:00	Tea Break	
10:00 – 12:00	Periodic Inspection and Evaluation for NGV Fuels Tanks	
12:00 – 13:30	Lunch	
13:30 – 15:30	Visual Inspection and Re-qualification of CNG Cylinders	
15:30 – 16:00	Tea Break	
16:30 – 18:00	Safety Appraisal of New Material for NGV Fuel Tanks	
18:30 – 18:30	Certificate Presentation and Closing Remark	

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