

The 2nd International Fuel Cell Vehicle Congress

2017 FCVC

November 9–10, 2017 Rugao, China



国际氢能燃料电池协会 (筹)
International Hydrogen Fuel Cell Association



中国汽车工程学会
Society of Automotive Engineers of China



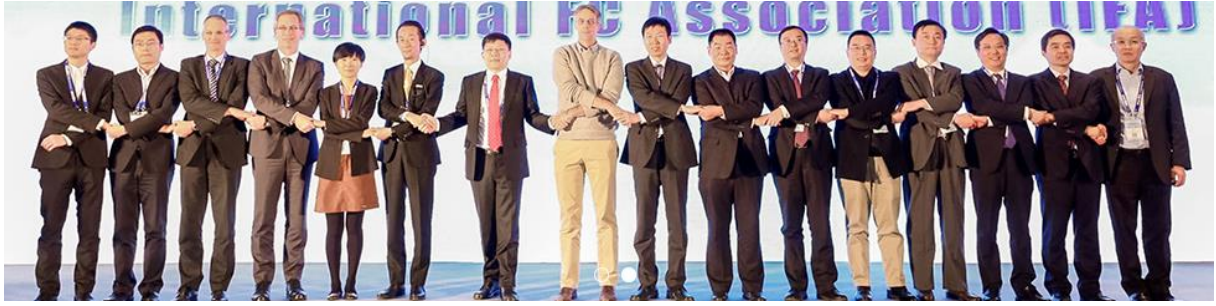
如皋市人民政府 如皋经济技术开发区
Rugao Municipal People's Government Rugao Economic and Technological Development Zone



2017 FCVC PROGRAM GUIDE (as of Oct. 30, 2017)

Rugao

9-10 November 2017



CONGRESS SCOPE

The Second International Fuel Cell Vehicle Congress (FCVC 2017) is the premier international summit for the hydrogen fuel cell and auto industries. The objective is to foster international collaboration between fuel cell developers, automakers, FCV suppliers, and government organizations, and to provide increased access to capital and global market.

REGISTRATION

November 8 (Wednesday)	08:00 – 24:00
Location: Jindu Jinding Grand Hotel	
November 9 (Thursday)	Starting at 07:00
Location: Rugao Auto Expo Center	

CONGRESS TIME

Day 1 Conference (Nov. 9)	08:30 – 17:30
Location: Rugao Auto Expo Center	
Day 2 Conference (Nov. 10)	08:20 – 12:30
Location: Rugao Auto Expo Center & Jindu Jinding Grand Hotel	
Days 1 & 2 Lunches (Nov. 9 & 10)	12:00 – 13:30
Day 1 Networking Dinner (Nov. 9)	18:00 – 21:00
Location: Jindu Jinding Grand Hotel	
Day 1 Cultural & Artistic Show (Nov. 9)	19:30 – 21:00
Day 2 Technical Tour (Nov. 10)	13:30 – 15:00
Day 2 Cultural Tour (Nov. 10)	13:30 – 15:00

Day 1 (Nov. 9) Morning Session (8:30 – 12:30)

Opening Remark & Keynote Speeches

Location: Rugao Auto Expo Center

Session Chair: Mr. ZHANG Jinhua, Executive Vice President & Secretary General
The Society of Automotive Engineers of China (SAE-China)

08:30	Opening remark <ul style="list-style-type: none">- Mr. ZHANG Jinhua, Executive Vice President & Secretary General, The Society of Automotive Engineers of China
08:40	Welcoming remarks <ul style="list-style-type: none">- SAE-China- Ministry of Industry and Information Technology- Local governmental (Jiangsu Province) officers- China International Center for Economic And Technical Exchanges- The United Nations Development Programme (UNDP)
09:20	Keynote speaker <ul style="list-style-type: none">- Dr. WAN Gang, Minister of Science and Technology of the People's Republic of China
09:50	Coffee & tea break
10:10	Hydrogen fuel cell review of its latest technology development and commercialization <ul style="list-style-type: none">- Prof. YI Baolian, Dalian Institute of Chemical Physics Academician of Chinese Academy of Sciences
10:30	Hydrogen status and thinking from Shenhua <ul style="list-style-type: none">- Dr. LING Wen, CEO, Shenhua Group, China
10:50	Fuel cell car development and demonstration <ul style="list-style-type: none">- Mr. CHENG Jinglei, Chief Engineer, Shanghai Automotive Industry Corporation (SAIC Motor), China
11:10	Investing for the Future – Anglo Platinum Hydrogen Council <ul style="list-style-type: none">- Andrew HINKLY, Executive Head Of Marketing, Anglo American plc
11:30	Hyundai Fuel cell Vehicle technology development <ul style="list-style-type: none">- Ki-Sang LEE , Senior Vice President, Eco Technology Center, Hyundai Motor Company
11:50	A new approach to competitive hydrogen mobility-GWM perspective <ul style="list-style-type: none">- Dr. Tobias BRUNNER, Vice President, Great Wall Motor
12:10	Japan's updated fuel cell vehicle development and plans <ul style="list-style-type: none">- Mr. Takashi MORIYA, Senior Chief Engineer, Honda, Japan
12:30	Lunch

DAY 1 (Nov. 9) Afternoon and Evening Sessions (14:00 – 21:00)
Global FCV development review, panel discussion, and evening networking

Session Chair: Prof. YU Zhuoping, Tongji University, China

14:00	<p>Global review of hydrogen fuel cell development, commercialization and government policy.</p> <ul style="list-style-type: none"> - City of Rugao /Hydrogen Demo Cities in China Mr. CHEN Xiaodong, Secretary of Rugao Municipal Party Committee - U.S. Department of Energy, Fuel Cell Technologies Office (FCTO) Dr. Sunita Satyapal, Director of FCTO - New Energy and Industrial Technology Development Organization, Japan (NEDO) OKAWA TATSUO, Director of Beijing Office - Canadian Hydrogen and Fuel Cell Association (CHFCA) Dr. Andreas TRUCKENBRODT, President & CEO of CHFCA - California Fuel Cell Partnership Mr. Bill ELRICK, Executive Director
15:40	Coffee & tea break
16:00 - 17:30	<p>Panel Discussion</p> <p>Moderator: prof. Frank ZHAO, President of Tsinghua Automotive Strategy Research Institutes, 2018-2020 President of FISITA</p> <p>FCV demonstration and deployment through international collaboration between fuel cell developers, automakers, hydrogen infrastructure providers, capital investors, and government organizations.</p> <ul style="list-style-type: none"> - Mr. MA Jinhua, Vice Secretary of Party Committee of RETDZ (Rugao) - Mr. XU Guo, Vice Secretary of Party Committee of Foshan - Mr. Taiyou KAWAI, General Manager, Fuel Cell R&D Dept, Toyota - Mr. Randy MACEWEN, Ballard CEO & President - Mr. Bruno FORGET, President of Air Liquide H2E Company China, Air Liquide - Mr. Moriyuki FUJIMOTO, General Manager, Hydrogen Energy Dept, Hydrogen Division, Iwatani Corporation
18:00- 21:00	<p>Networking Dinner: Night in Hydrogen Demo Town Rugao Location: Jindu Jinding Grand Hotel</p> <p>Rugao Traditional Performance Location: Rugao Municipal Hall</p>

Note: 17:30-18:00 go to Jindu Jinding Grand Hotel from Rugao Auto Expo Center

DAY 2 (Nov. 10) PROGRAM SUMMARY

I. Morning: four sessions (simultaneous)

Time	Conference center	Topics	Location
08:40-12:00	1	Hydrogen fuel cell commercialization	Rugao Auto Expo Center
08:20-12:30	2	Hydrogen generation, storage and delivery	Jindu Jinding Grand Hotel 3 rd Floor, Jinding Room (East)
08:20-12:00	3	Fuel cell stacks and components	Jindu Jinding Grand Hotel 3 rd Floor, Jinding Room (West)
08:20-12:00	4	FCV policy, regulatory, standard and testing	Jindu Jinding Grand Hotel 3 rd Floor, Jinling Room

II. Lunch (12:00 – 13:30)

Location: Jindu Jinding Grand Hotel

III. Afternoon Session (13:30 – 15:00)

A. Technical tour

B. Cultural tour of ancient city Rugao, including Shuihui Park (an ancient garden) and an ancient street

Conference Center 1: Hydrogen Fuel Cell Commercialization

Location: Rugao Auto Expo Center

DAY 2 (Nov. 10) Morning Session (08:40 – 12:00)

Session Chairs: **Mr. John WALLACE**, UNDP project FCB consultant, USA
Prof. LI Jianqiu, Tsinghua University, China

08:40	Clean, commercial energy for mobility - Mr. John COCOCIA, VP of Strategic Marketing and Investor Relations, Plug Power, USA
09:00	Fuel cell bus application - Dr. LI Feiqiang, Director, Yutong Bus Company, China
09:20	Development of fuel cell buses in China - Mr. WANG Lei, Foton Motor, China
09:40	Full power fuel cell key technology development - Mr. ZHAO Ziliang, Director, R&D Center, First Automotive Works (FAW)
10:00	Fuel cell vehicles development and commercialization - Mr. ZHENG Jian, President, Youngman Bus, China
10:20	Coffee & tea break
10:40	The future of fuel cell bus applications in China - Dr. DAI Wei, Vice President of R&D, SinoHytec, China
11:00	Fuel Cells: The Clean Energy You Count on - Mr. Kyuseok LEE, Deputy General Manager, Doosan Corporation
11:20	Fuel cell technology commercialization and localization - Mr. GU Zhijun, CEO of Horizon Fuel Cell Technologies, Singapore
11:40 - 12:00	Fuel cell key technology analysis and application - Mr. SHI Jianpeng, Director, Technology Center, Dongfeng Motors, China

Note: Each session includes 15-min presentation and 5-min Q&A

**Conference Center 2: Hydrogen Generation, Transportation & Distribution
DAY 2 (Nov. 10) (AM 8:20 – 12:30 PM)**

Location : Jindu Jinding Grand Hotel, 3rd Floor, Jinding Room (East)

Session Chairs: **Prof. WEI Xuezhe**, Tongji University, China

Mr. ZHAO Yingpeng, Senior BD Manager of H2E Company, Air Liquide, France

08:20	Key Drives to secure H2 mobility projects - first projects and learnings - Mr. Bertrand AMELOT, Executive Vice President, McPhy, France
08:40	Shell Hydrogen in Transport – An Update - Ms. CHEN Lin, VP, Downstream New Business Development Shell China
09:00	State of the art hydrogen production and fueling technology - Mr. Bjørn SIMONSEN, Vice President of Market Development, Nel Hydrogen, Norway
09:20	China’s development and opportunity of hydrogen and fuel cell vehicle - Prof. ZHANG Cuman, Tongji University, China
09:40	Advancing hydrogen energy through diaphragm compression technology - Mr. Kareem AFZAL, Vice President of Business Development, PDC Machines, USA
10:00	Liquid Hydrogen Compression – Enabler for competitive and reliable refueling for FCEV - Dr. Markus KAMPITSCH, Director for Development of Hydrogen Storage Systems and Hydrogen Refueling Infrastructure, Great Wall Motor Company
10:20	Coffee & tea break
10:40	Air Liquide’s experience in hydrogen eco system - Mr. ZHAO Yingpeng, Senior BD Manager of H2E Company, Air Liquide, France -
10:50	Enabling Safe Transport and Storage of Hydrogen with Proven Lightweight Cylinders - Mr. Jørn Helge Dahl, Director of Market and Sales Hydrogen Business Unit, Hexagon Composites, Norway

11:10	Hydrogen Storage in Liquid Organic Hydrogen Carrier - Mr. Dominik Herzog, Senior Business Development Manager, Hydrogenious Technologies GmbH, Germany
11:30	Hydrogen infrastructure solution in China - Mr. FANG Peijun, CEO, Shanghai HyFun, China
11:50	Development and practice of hydrogen Industry in China - Mr. LIU Shaojun, General Manager, Shanghai Sunwise Energy Systems Co.,Ltd, China
12:10 - 12:30	Hydrogen energy equipment - Ms. WEI Wei, Chief Engineer, Zhangjiagang Furui Hydrogen Energy Equipment Co. Ltd., China

Note: Each session includes 15-min presentation and 5-min Q&A

Conference Center 3: Fuel Cell Stack & Critical Components

DAY 2 (Nov. 10) Morning Session (08:20 – 12:00)

Location : Jindu Jinding Grand Hotel, 3rd Floor, Jinding Room (West)

Session Chairs: **Dr. LIU Di-Jia**, Argonne National Laboratory, USA
Prof. PAN Mu, Wuhan University of Technology, China

08:20	Commercial Fuel Cell Components: Status and Technology Directions - Ms. Shanna KNIGHTS, Director of Research, Ballard Power Systems, Canada
08:40	Development of PEM fuel cell - Prof. SHAO Zhigang, Dalian Institute of Chemical Physics Academician of Chinese Academy of Sciences
09:00	At the Heart of a Fuel Cell System: W. L. Gore's Clean Energy Technology - Ms. LIU Wen, Manager, The Gore Company, USA
09:20	The Industrialization of FC Technology for Vehicle Application - Mr. HOU Zhongjun, Deputy general manager and Chief engineer, Sunrise Power Co., Ltd, China
09:40	Application oriented accelerated stress tests - Prof. Viktor HACKER, Graz Technical University, Austria
10:00	Coffee & tea break
10:20	An introduction of fuel cell catalyst activity in TKK - Mr. KOUYICHI MATSUTANI, Tanaka Kikinokoku, Japan
10:40	Determination of Oxygen Transport Resistance in Gas Diffusion Layer for PEMFC - Mr. TIAN Mingxing, Vice General Manager, Wuhan WUT New Energy, China
11:00	PEMFC Technology - Dr. Michael GÖTZ, PEMFC Expert, Stack Development ElringKlinger, Germany
11:20	Fuel cell technology development - Mr. Alan KNEISZ, Business Development Director, Hydrogenics, Canada
11:40 - 12:00	Micro grid based on renewable hydrogen production, refueling and fuel cells - Mr. Nick Ni, Vice President, Angstrom Renewable Co.,Ltd

Note: Each session includes 15-min presentation and 5-min Q&A

Conference Center 4: FCV Policy, Regulatory, Standard and Testing
DAY 2 (Nov. 10) Morning Session (08:20 – 12:00)

Location : Jindu Jinding Grand Hotel, 3rd Floor, Jinling Room

Session Chairs: **Prof. WANG Yunshi**, University of California, Davis
Mr. WU Zhixin, Vice-Director, CATARC

08:20	FC policy & regulation in California - Mr. Joshua CUNNINGHAM, Branch Chief, Advanced Clean Cars Branch, California Air Resources Board (CARB), USA -
08:40	The path to commercialization of the FCEV and Hydrogen Infrastructure Through Standards - Mr. Jesse SCHNEIDER, Chief Engineer, Hydrogen and Electric Vehicle Standard, Great Wall Motor Company Limited. Chair, SAE World Congress, “Advances in Fuel Cell Vehicle application” (since 2005 until now)
09:00	Fuel Cell Power System Real-time Testing Platform - Prof. ZHANG Tong, Tongji University -
09:20	70MPa Type IV Cylinder Standard - Mr. ZHENG Jinyang, Professor, Zhejiang University -
09:40	Coffee & tea break
10:00	FCV code and standard development in China - Mr. HE Yuntang, Senior Engineer, China Automotive Technology & Research Center (CATARC)
10:20	Overall Liquide Hydrogen Standard Introduction - Mr. LIU Yutao, Deputy Director, Beijing Institute of Aerospace Testing Technology of CASC
10:40	Fuel Cell Testing and Diagnosis - Mr. Mathias BODE, CEO, FuelCon AG, Germany -
11:00	Advances in Fuel Cell Vehicle Engine Development and Testing - Mr. Juergen Rechberger, Manager Fuel Cell, AVL List GmbH
11:20	Investigation on Common Key Technologies of FCV Test and Evaluation - Ms. ZHANG Yanyi, Director, China Automotive Technology & Research Center (CATARC)
11:40 - 12:00	Implementation of a guarantee of origin scheme for green hydrogen - Mr. Wouter VANHOUDT, Director, Hinicio

Note: Each session includes 15-min presentation and 5-min Q&A

1. Registration method:

- **FCVC 2017 accepts online registration only**
- Please visit conference website <http://fcvc.sae-china.org>, which will automatically direct you to the registration webpage www.bagevent.com/event/670583

2. Registration Fee: registers will make their registration payment according to criteria below.

Date of completing registration	Before Sept. 30, 2017	Before Nov. 8, 2017	Onsite Nov. 9 & 10, 2017
SAE-China members	RMB 1,500	RMB 2,000	RMB 2,000
Non SAE-China members	RMB 2,000	RMB 2,500	RMB 2,500
International Hydrogen Fuel Cell Association (IHFCA) members	Two free registration for each IHFCA initiative member with its memo signed by June 30, 2017		
Presenters & VIPs	Free registration		

- Payment methods:
- Make payment onsite during Nov. 8, 9 & 10, 2017
- Bank transfer to the following two banks - depending on your payment currency

(RMB only)

Bank:	Industrial and Commercial Bank of China, Beijing Lishi Road Branch
Beneficiary:	The Society of Automotive Engineers of China
Account No:	0200 0036 0908 9072 309
Payment memo	FCVC + Register name (or registration number)

(US\$ only)

Bank:	Bank of China Head Office
Address:	1 Fuxingmen Nei Avenue, West City District Beijing, 100818 P.R. China

Beneficiary:	The Society of Automotive Engineers of China
Account No:	7783 5004 0984
Swift:	BKCH CN BJ