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CMSA2013

CAE Molding Solution Alliance Technical Conference

Guide Book

Organizer	CAE Molding Solution Alliance (CMSA)
Co-organizer	Association of CAE Molding Technology (ACMT) Association of Green Molding Solution (AGMS) Society of Advanced Molding Technology (SAMT)
Host	Moldex3D, iCAx

CMSA 2013

(V2.0-2013/2/8)

**2013 International CAE Molding Technology Conference
&
The 4th CAE Molding Solution Alliance Annual Meeting**

GUIDE BOOK

Date: April 4, 2013 - April 12, 2013

Location : Suzhou, China

Host	CAE Molding Solution Alliance (CMSA)
Co-host	Association of CAE Molding Technology (ACMT) Association of Green Molding Solution (AGMS) Society of Advanced Molding Technology (SAMT)
Co-organizer	Guangdong Lingnan Institute of Technology Guangdong Die & Mould Industry Association Guangzhou Die & Mould Industry Association
Organizer	Moldex3D, iCAx

ABOUT CMSA

Each year, under one roof and one room, CAE Molding Solution Alliance Conference (CMSA) brings leading experts together to discuss the latest challenges and opportunities of CAE applications in advanced manufacturing industry. CMSA focuses on both practical and applied aspects of CAE technology, covering a broad range of industry-specific topics, such as Direct Metal Laser Sintering Process, Conformal Cooling, Green Molding, and Advanced Hot Runner, etc. Until now, the annual conference has received highly positive response from more than thousands of industry peers and over 250 corporations, shaping a premier networking and knowledge-sharing forum for industry professionals from all levels.

Working for CAE Molding Solution worldwide -activities of CMSA

- STUDY** Promotes study and research related to CAE molding solution;
- CONFERENCE** Organizes international and regional conferences and symposia; past speakers were from industry-leading companies, including EOS, Siemens, Trexel, Matsui, PTC, Penn State University, etc.
- JOURNAL** Disseminates information about CAE molding solution through the publication of the Weekly Journal;
- TRAINING** Encourages the training of personnel and students for CAE molding solution;
- DELEGATION** Host international technical delegation visit business all over the world, such as IPF, K-Show, and NPE.



Join us at CMSA2013 at Suzhou for extensive opportunities to learn new initiatives and share innovations.

COMMITTEES

ORGANISING

Jung Yu Chang Chairman

CAE Molding Solution Alliance

Hironobu Matsui Chairman

Association of Green Molding Solution

Chia Tsung Chen Chairman

Society of Advanced Molding Technology

Yen Feng, Chung Chairman

Guangzhou Die & Mould Industry Association

Feng Juan Chairman

Guangdong Die & Mould Industry Association

Sheng Jye Hwang Vice-Chairman

National Cheng Kung University

Chin Kung Wang Vice-Chairman

Guangdong Lingnan Institute of Technology

Qing Yang Vice-Chairman

Association of Green Molding Solution

TECHNOLOGY COMMITTEE

Prof. Shih Chang Tseng Micro Molding Technology

Prof. Wen Jen Chung Advanced Molding Technology

Prof. Chao Chang Chen Optical Industry Technology

Prof. Shui Wang Chuang Metal Casting Technology

Prof. Chia Hsun Chen Green Material Technology

Prof. Shih Hsin Huang MuCell® Molding Technology

Prof. Kun Chang Lin Innovative Education Management

Prof. Chun Chin Huang Extrusion Molding Technology

Prof. Chen Tsung Chen Mold Scientific Management

Prof. Chuan Yuan Wu Technology and Society

EXECUTIVE

Ming Hung Tsai Secretary General

I Hui Peng Deputy Secretary

Chien Ying Lai Deputy Secretary

Cheng Yu Hsu Deputy Secretary

I Chun Wu Deputy Secretary

Po Tsun Lin Executive Secretary

Pei Chin Wu Executive Secretary

EVENT INFORMATION

PROGRAM HIGHLIGHTS

Last Unique Molding Technology

- Metal Laser Sintering
- Conformal cooling layout

Advance Techniques

- In-Mould-Decoration (IMD)
- Out-Side Mold Decoration (OMD)
- MuCell® Variable Mold Temperature Method
- Bi-Injection
- Hot runner

Application of CAD/ CAM/CAE/PLM Technology

- Rapid Prototype (RP)
- Computer Aided Verification (CAV)
- Simulated Analysis
- Structural Analysis

Technology of Mold Design/ Manufacture/ Control

- Automatic control system in a mold manufacturer
- High speed CNC precision machine

Metal Molding Technology

- Particular metal material
- Stamping
- Die Casting
- Sheet Metal Forming

Industrial application development

- Electronics, household appliances, connectors, photodynamics, medical treatment
- Study of plastic material rheology and processing
- Fiber, optics, high performance plastic

ATTENDANCE FEE

The conference registration fees listed below do not include hotel expenses.

	Early Bird I until Feb. 28, 2013	Early Bird II until Mar. 11, 2013	Regular from Mar. 1, 2013
RMB	¥ 1,600	¥ 1,800	¥ 2,000
NTD	\$ 6,400	\$ 7,200	\$8,000
USD	\$ 240	\$ 270	\$300

The attendance fee includes conference literature and admission to two days conference, as well as the lunches and refreshments during the breaks.

CONFERENCE FACT

More than 500 attendances and 80 conference papers expected.

- About 350 attendances are from 180 businesses and 150 attendances are from 80 educational organizations.
- About 50 oral papers will be presented and 30 printed papers included in the conference literature.

PROGRAM AGENDA

There is one conference hall in the first day of program that contain 12 plenary sessions and there are four different conference rooms that include 56 special sessions in the second day program.

Time	4/10 Wed.	4/11 Thu.	4/12 Fri.
0830-0930		Opening	28 Special Session @ 4 Conference Rooms
0930-1230		6 Plenary Sessions	
1230-1330		Lunch	
1330-1700	15:00-20:00 Accommodation Registration	6 Plenary Sessions	28 Special Session @ 4 Conference Rooms
1830-2030	Welcome Reception	Conference Banquet	Night Tour @ Suzhou

AGENDA DETAIL

April 11, 2013 Tuesday		
Time	Schedule	Speaker
0830-0900	Opening Ceremonies	ACMT
0900-0920	4th CAE Molding Solution Alliance - Suzhou Annual Conference Report	ACMT
0920-0930	4th CAE Molding Solution Alliance - Agreement Signing Ceremony	Chairman RY Chang ACMT
0930-1000	Mass Production on Shear Heating Effect and Melt Flipper	John Beaumont University of Pennsylvania
1000-1030	Break: Group Photo Shoot	
1030-1230	The Development of Japanese Green Molding Solution	President Hironobu Matsui – Japan MATSUI
	The Latest Development of Injection Molding Technology in US Motors Industrial	CAE Manager at US OEM
	The Latest Development of Advanced Molding Technology in Europe	German Injection Molding Machine Manufacturer
	Research and Applications on Ture 3D Simulation Solution	President Venny Yang - Moldex3D
1230-1320	Lunch Time	
1320-1500	Technological Innovation and In-Depth Automatic Manufacture Managemen	President Chen, ChenTsung - Mitac Precision Technology
	Sharing the Know-How of Mold Development Management in Green Point Enterprises	President Li, MingYan- Green Point Enterprises
	Mold Design and Automatic Manufacture	Vice President Hsieh, Shang-Heng Foxconn CAD/CAM Center
1500-1530	Tea Break	
1530-1700	The Latest Development of Combined Milling and Selective Laser Melting of Metal Powders with EOS	Augustin Niavas - German EOS
	Combined Milling and Selective Laser Melting of Metal Powders with OPM	President Minoru Morimoto - Japan OPM
	Patent Analysis and the Study of ProE Mechanism Design	Prof. Lin, Ching-An NTU of Science and Technology

CONFERENCE VENUE

Suzhou International Conference Center



The Conference Center Hotel is a three star hotel located in the old town district. The hotel is about 5km from the railway station. It occupies about 68000sq.m of land with its 162000 sq.m of building area. Situated at the center of Suzhou, it becomes the city's symbolic architectural complex. There are a total of 386 guestrooms and suites. All are at their minimum equipped with air-conditioning, satellite televisions, refrigerators, mini bar and IDD telephones.

Suzhou



People say that just as there is paradise in heaven, there are Suzhou and Hangzhou on earth. Famous for its gardens and its silk, the ancient and moated city of Suzhou, just sixty minutes from Shanghai by train, lies at the point where the rail line meets the Grand Canal. The town itself is built on a network of interlocking canals whose waters feed the series of renowned classical gardens that are Suzhou's pride and glory. Today, Suzhou has become a core city of China's Yangtze River Delta economic zone, given its high GDP contribution to China. More recently, it has been a center of the silk trade and a place of gardens and canals.

PAST CONFERENCE PICTORIAL REVIEW

Opening Address



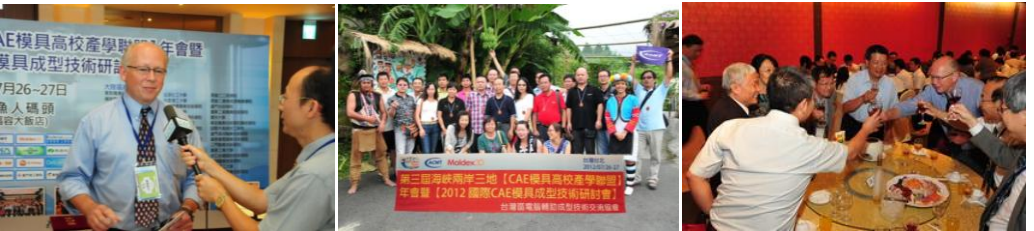
General Presentations



Primary Sponsor Exhibits



Conference Events and Receptions



Presentation Hall and Conference Venue



More about CMSA

