



13<sup>TH</sup> International Special Tooling  
& Machining Association World Conference

11<sup>TH</sup> International Pattern-Model  
Makers Congress



ISTMA Americas



**GLOBAL OPPORTUNITIES  
FOR SPECIAL TOOLING &  
MACHINING COMPANIES**

June 20-24, 2010  
Caesars Windsor Hotel & Casino  
Windsor, Ontario, Canada



## PRELIMINARY CONFERENCE AGENDA

### Saturday, June 19

Early Arrival Day for International Delegates

### Sunday, June 20

9:00 am - 5:00 pm	Arrival & Registration
1:30 pm - 4:00 pm	ISTMA-World Board Meeting
1:30 pm - 4:00 pm	Pattern-Model Makers Presidents' Meeting
6:30 pm - 10:00 pm	Welcome Dinner

### Monday, June 21

9:00 am - 11:30 am	ISTMA Regional Meetings (Asia/Americas/Europe)
9:00 am - 5:00 pm	Incoming Trade Mission / Meet Buyers
10:00 am - 4:00 pm	Partners' City Tour
1:00 pm - 4:30 pm	ISTMA Annual Meeting
6:30 pm - 8:30 pm	Cocktails & Dinner
9:00 pm	Windsor-Detroit Annual Riverfront Firework Display

### Tuesday, June 22

8:30 am - 5:00 pm	Plant Tours
6:30 pm - 10:00 pm	Dinner & Entertainment

### Wednesday, June 23

8:00 am - 4:30 pm	Technical Sessions
5:00 pm - 10:00 pm	Farewell Dinner at Henry Ford Museum, Detroit, USA

### Thursday, June 24, 2010

Optional Post-Conference Tours

#### Tour #1: Windsor – Niagara Falls – Toronto

Approx. Cost: \$350.00 per person (including accommodation)  
Duration: 2 days / 1 night

#### Tour #2: Windsor – Niagara Falls – Toronto – Kingston – Ottawa – Toronto

Approx. Cost: \$675.00 per person (including accommodation)  
Duration: 4 days / 3 nights

#### Tour #3: Windsor – Niagara Falls – Toronto – Kingston – Ottawa – Toronto – Windsor

Approx. Cost: \$900.00 per person (including accommodation)  
Duration: 5 days / 4 nights

## Sponsorship Opportunities:

Become a corporate sponsor for the 2010 World Tooling & Machining Conference. Sponsorship will provide your company with the ability to showcase and promote your products directly to company owners and senior staff executives from around the globe at this high-profile event.

**Contact the CTMA for details!**

June 20-24, 2010  
Windsor, Ontario  
Caesars Windsor Hotel & Casino

### Contact Person & Host Organization:

Mr. Leslie Payne | Canadian Tooling & Machining Association  
140 McGovern Drive, Unit #3,  
Cambridge, Ontario  
Tel: (519) 653-7265 | Fax: (519) 653-6764  
lpayne@ctma.com | www.ctma.com

## SPONSORS:



## PLANT TOURS – Tuesday, June 22

**Windsor plant tours are all within a few minutes of each other and in close proximity to the conference site.**

More information about these companies is available at [www.ctma.com](http://www.ctma.com).

### ACTIVE BURGESS MOULD & DESIGN INC.

[www.active-burgess.com](http://www.active-burgess.com)

### ANCHOR DANLY

[www.anchordanly.com](http://www.anchordanly.com)

### ANDERDON MACHINE TOOL AND MFG. INC.

[www.anderdontool.com](http://www.anderdontool.com)

### BUILD-A-MOLD

[www.buildamold.com](http://www.buildamold.com)

### CREST MOLD TECHNOLOGY INC.

[www.crestmold.com](http://www.crestmold.com)

### ELECTROMAC GROUP

[www.electromac.com](http://www.electromac.com)

### J & C TOOL & DIE LIMITED

[www.jctool.com](http://www.jctool.com)

### MANOR TOOL & DIE LTD.

[www.maxdiegroup.com](http://www.maxdiegroup.com)

### MIDWEST PRECISION MOULD LTD.

[www.midwestmould.com](http://www.midwestmould.com)

### NARMCO GROUP

[www.narmco.com](http://www.narmco.com)

### PLATINUM TOOL TECHNOLOGIES

[www.platinum-tool.com](http://www.platinum-tool.com)

### REDOE MOLD

[www.redoemold.com](http://www.redoemold.com)

### SABRE MACHINE TOOL INC.

[www.sabremachinetool.com](http://www.sabremachinetool.com)

### TOOL-TEC WELDING INC.

[www.tool-tec.net](http://www.tool-tec.net)

### VALIANT MACHINE & TOOL INC.

[www.valiantmachine.com](http://www.valiantmachine.com)

## TECHNICAL SESSIONS – Wednesday, June 23

**In keeping with the theme of "Global Opportunities for Special Tooling & Machining Companies" we present the following:**

### PRACTICAL WAYS TO REDUCE THE COST AND TIME OF GETTING TOOLS INTO PRODUCTION

Warren Bishenden, Exco Engineering - Canada

### MILITARY PARTS CONVERTED TO CASTINGS

John R. McIntyre, Anderson Global - USA

### EUROPEAN 1.2 BILLION EURO MANUFACTURE TOOLING PLATFORM

Joaquim Menezes, Iber-Oleff SA - Portugal

### WORLD-WIDE TOOLING TRENDS AND PRODUCTION

Dr. José Ferro Camacho, Business Innovation & Industrial Dynamics - Portugal

### NEW CAD SOFTWARE TO REDUCE ENGINEERING TIME.

Tom Cacic, G.S. Die & Design and Gord Hobbs, Logicap Engineering - Canada

### NEW DEVELOPMENTS IN TOOLING MATERIAL

Patricia Miller, Böhler-Uddeholm - USA

### ADVANCED TOOL SURFACE TREATMENTS

Dr. Andreas Reiter, Oerlikon Balzers - Austria

### BUSINESS IMPROVEMENTS FOR TOOL SHOPS

Kristian Arntz, Fraunhofer Institute - Germany

### THERMAL INFLUENCE OF DIFFERENT TYPES OF CUTTING STEEL

David Manas, University of Zlin - Czech Republic

### NEW ANALYSIS OF MACHINING CONDITIONS IN ELECTRICAL DISCHARGE MACHINING

Keivan Amini, University of Tabriz - Iran

### ELASTOMER INJECTION MOLDING INFLUENCED BY TOOL SURFACE ROUGHNESS

Michael Stanek, University of Zlin - Czech Republic

### ENHANCED SERVICE PROVISIONS IN THE TOOLING INDUSTRY

Fabian Gaus, Aachen University - Germany

### INJECTION MOLD ENGINEERING USING FEA AND CFD

Vladimir Franjo, National Research Council - Canada

### MODULAR MULTI-FUNCTION SYSTEM FOR MICROMACHINING OF HIGH-VALUE TOOLING

Evgueni Bordatchev, National Research Council - Canada

### INTERNATIONAL TRENDS IN WORKPLACE HEALTH & SAFETY SPECIFIC TO THE TOOLING AND MACHINING INDUSTRY

Lori Nicholas, Industrial Accident Prevention Association - Canada

### PROCESSING ADVANCED HIGH-STRENGTH STEELS (AHSS) WITH ROTARY BENDING TECHNOLOGY

L. Ray Osborne, Anchor Danly - USA

## SOCIAL EVENTS



### RIVERFRONT FIREWORKS DISPLAY & CARNIVAL – Monday, June 21

The fireworks display, choreographed by Zambelli Fireworks

Internationale, is one of the most spectacular and largest fireworks displays in the world with more than 10,000 pyrotechnic effects lighting up the international skyline over the Detroit River.



### THE HENRY FORD MUSEUM TOUR & FAREWELL DINNER – Wednesday, June 23

The Henry Ford Museum is filled with history that

inspires; history that tells the stories of men and women whose vision and courage changed the world around them. Listen to fascinating stories about Henry Ford and how his passion for collecting grew into a museum that celebrates American Innovation. It's a vast building – 12 acres under a single roof – that is home to everything from the bus where Rosa Parks sparked the nation's social conscience to the Kennedy Presidential Limousine, to a rare reproduction of the Declaration

of Independence, the Lincoln Chair, an Allegheny locomotive and a DC-3 airplane. Visit [www.TheHenryFord.org](http://www.TheHenryFord.org) for more information.

### SPOUSE / PARTNER TOURS – Monday, June 21

Meet your deluxe motor coach & tour guide, then sit back and enjoy the sights of Windsor's fascinating past and vibrant present unfold. The cost is included in your registration fee, however due to limited space pre-registration is required. Choose one of the following;



### A) WINDSOR CITY TOUR & SHOPPING

The morning will include stops at Old Walkerville - Willistead Manor - Hiram Walker Brand

Center - Coventry Gardens. You will see points of interest along Riverside Drive including the Renaissance Centre - Hart Plaza - Belle Isle - Olde Sandwich Towne and the Sculpture Gardens on the Detroit River near the Ambassador Bridge.

Enjoy a wonderful lunch in Windsor's renowned Little Italy and then experience the fun of Outlet Shopping! Windsor Crossing is one of the most exciting retail

developments in Southwestern Ontario. Their collection of premium brand names specifically tailors to designer fashion, athletic apparel, shoes and home accessories, among others. You could also opt for a leisurely walk along tree-lined sidewalks, relax by the water fountain, or enjoy a beverage at the outdoor café.

### OR



### B) ESSEX COUNTY & WINERY TOUR –

On your discovery of Essex County your first stop will be at Fort Malden National Historic Site which was a key defense post during the War of 1812 and the Rebellion of 1837.

Stroll through the

peaceful 12-acre riverfront park, view the exhibits and visit the restored army barrack. Then its off to Mastroiardi Estate Winery for lunch and a tour and then you will have the unique opportunity to observe the winemaker's craft on a guided tour of Colio Estate Winery where you can sample their wines.



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**JUNE 20 - 24, 2010**

**CAESARS WINDSOR HOTEL & CASINO**

**WINDSOR, ONTARIO, CANADA**

**CONFERENCE REGISTRATION FORM**

Name \_\_\_\_\_

Spouse/Partner \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Prov/State \_\_\_\_\_ P.C./Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

**Check all that apply:**

- ISTMA Delegate
- Pattern-Model Maker Delegate
- CTMA/CPMA Member       CAMM Member
- NTMA Member               Other

**Method of Payment:**

- Visa       Mastercard       American Express
- Card # \_\_\_\_\_
- Expiry Date \_\_\_\_\_
- Name on Card \_\_\_\_\_
- Signature \_\_\_\_\_

**Full Conference Registration Fees: (per person)**

	By May 1	After May 1
Delegate Fee	\$975	\$1,075 \$ _____
Spouse/Partner Fee	\$475	\$575 \$ _____

*Fees are in Canadian Dollars and include registration package, meetings, plant tours, technical presentations, all meals, buses and entertainment.*

*A passport will be required for full participation.*

*Accommodation is NOT included.*

Cheque # \_\_\_\_\_

**OR Select Daily Events: (per person)**

	By May 1	After May 1
<input type="checkbox"/> Welcome Dinner Sunday, June 20	\$125	\$150 \$ _____
<input type="checkbox"/> Plant Tour Day Tuesday, June 22 Includes bus transportation, plant tours, lunch, dinner and entertainment.	\$400	\$425 \$ _____
<input type="checkbox"/> Technical Presentation Day Wednesday, June 23 Includes technical presentations, lunch and Henry Ford Museum Farewell dinner.	\$325	\$350 \$ _____
<input type="checkbox"/> Henry Ford Museum Farewell Dinner Wednesday, June 23 Bus to/from Henry Ford Museum	\$125	\$150 \$ _____
Wednesday, June 23	\$30	\$40 \$ _____

**Send Registration Form to:**

Canadian Tooling & Machining Association  
140 McGovern Drive, Unit #3

Cambridge, Ontario, Canada N3H 4R7

Tel: (519) 653-7265

Fax: (519) 653-6764

Online registration available at: [www.ctma.com](http://www.ctma.com)



**HOST HOTEL & ACCOMODATIONS**

[www.visitcaesarswindsor.com](http://www.visitcaesarswindsor.com)

Register online at [www.ctma.com](http://www.ctma.com)

TOTAL REGISTRATION FEE: \$ \_\_\_\_\_

*Fees are in Canadian Dollars and include 5% GST (#R875605263).*