

# EUROMOLD

**Weltmesse für Werkzeug- und Formenbau,  
Design und Produktentwicklung**  
World Fair for Moldmaking and Tooling,  
Design and Application Development

**5. - 8. Dezember 2007**

Messegelände / Exhibition Center  
**Frankfurt / Main, Germany**

**“Vom Design über den Prototyp bis zur Serie”  
“From Design to Prototyping to Series Production”**



## Besucherinformation Visitor information

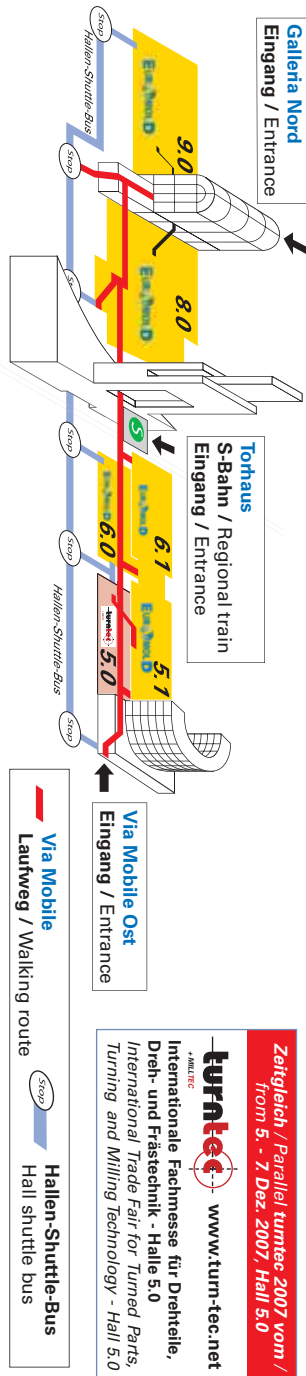
**Hallen / Halls 5.1, 6.0, 6.1, 8.0, 9.0**

**Zeitgleich / Parallel turntec 2007 vom / from 5. - 7. Dez. 2007, Hall 5.0**



**Internationale Fachmesse für Drehteile,  
Dreh- und Frästechnik**  
International Trade Fair for Turned Parts,  
Turning and Milling Technology

**www.euromold.com**



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Halle / Hall 9.0</b> <ul style="list-style-type: none"> <li>- Werkzeug- &amp; Formenbau / Moldmaking &amp; Tooling</li> <li>- Werkzeuge / Tools</li> <li>- Werkzeugmaschinen / Machine Tools</li> <li>- Qualitätsicherung + Automatisierung / Quality Assurance &amp; Automation</li> <li>- Ver- und Nachbearbeitung / Processing &amp; Finishing</li> </ul>                                                                                                                                     | <b>Halle / Hall 8.0</b> <ul style="list-style-type: none"> <li>- Werkzeug- &amp; Formenbau / Moldmaking &amp; Tooling</li> <li>- Werkzeuge / Tools</li> <li>- Modell- &amp; Prototypenbau / Patternmaking &amp; Prototyping</li> <li>- Rapid Manufacturing</li> <li>- Werkzeugmaschinen / Machine / Tools</li> <li>- CAD / CAM</li> </ul>                           |
| <b>Halle / Hall 6.1</b> <ul style="list-style-type: none"> <li>- Design</li> <li>- Medizintechnik / Medical Technology</li> <li>- Engineering</li> <li>- Werkstoffe / Materials</li> <li>- Sonderthemen / Special Topics</li> <li>- OSCAR Prozess / OSCAR Process</li> <li>- Professional Lounge VDD</li> <li>- Design Talents</li> <li>- Foren / Forums</li> <li>- Forum Medizintechnik / Medical Technology</li> <li>- design+engineeringforum</li> <li>- Forum Werkstoffe / Materials</li> </ul> | <b>Halle / Hall 6.0</b> <ul style="list-style-type: none"> <li>- Werkzeug- &amp; Formenbau / Moldmaking &amp; Tooling</li> <li>- Modell- &amp; Prototypenbau / Patternmaking &amp; Prototyping</li> <li>- Engineering</li> <li>- CAD / CAM</li> <li>- Digitale Produktentwicklung / Digital Product Development</li> <li>- Sonderthemen / Special Topics</li> </ul> |
| <b>Halle / Hall 5.1</b> <ul style="list-style-type: none"> <li>- Werkzeug- &amp; Formenbau / Moldmaking &amp; Tooling</li> <li>- Simulation</li> <li>- Visualisierung / Visualisation</li> <li>- Digitale Produktentwicklung / Digital Product Development</li> <li>- Virtuelle Realität / Virtual Reality</li> <li>- CAMPUS</li> <li>- Foren / Forums</li> <li>- Forum Virtuelle Realität</li></ul>                                                                                                |                                                                                                                                                                                                                                                                                                                                                                     |



## Daten und Fakten / Dates and Facts

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Besuchen Sie uns!  
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|                        |                                                                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Termin</b>          | <b>5. - 8. Dezember 2007</b>                                                                                                                                                                                                                         |
| <b>Date</b>            | <b>December 5 – 8, 2007</b>                                                                                                                                                                                                                          |
| <b>Ausstellungsort</b> | Messegelände Frankfurt / Main                                                                                                                                                                                                                        |
| <b>Location</b>        | Exhibition Center Frankfurt / Main, Germany                                                                                                                                                                                                          |
| <b>Öffnungszeiten</b>  | Mittwoch bis Freitag 9:00 – 18:00 Uhr<br>Samstag 9:00 – 16:00 Uhr                                                                                                                                                                                    |
| <b>Business hours</b>  | Wednesday until Friday 9.00 a.m. – 6.00 p.m.<br>Saturday 9.00 a.m. – 4.00 p.m.                                                                                                                                                                       |
| <b>Preise</b>          | Tageskarte Erwachsene / Adults, day ticket € 20,-                                                                                                                                                                                                    |
| <b>Admission</b>       | Dauerkarte Erwachsene / Adults, permanent ticket € 35,-<br>Tageskarte Studenten / Students, day ticket € 5,-<br>Tageskarte VDI-Mitglieder / VDI-members, day ticket € 10,-<br>Feierabendticket ab 15:00 Uhr / Afternoon ticket from 3 p.m. up € 10,- |

Besucher können ihre Gutscheine bereits im Vorfeld bequem über das Internet in ein Tagesticket umtauschen und sich registrieren. /

Visitors can exchange their vouchers via Internet, already before the opening of the fair. By doing so, they can register in the run-up to the fair.

Die EuroMold-Eintrittskarte gilt auch für den Besuch der parallel stattfindenden turntec - Internationale Fachmesse für Drehteile, Dreh- und Frästechnik in der Halle 5.0 / The ticket of EuroMold is also valid for the fair turntec - International Trade Fair for Turned Parts, Turning and Milling Technology in Hall 5.0.

|                         |                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EUROMOLD</b>         | <b>5. - 8. Dez. 2007</b><br>Frankfurt / Main, Germany                                                                                                                                                                         |
| <b>Online Tickets</b>   | Tagestickets und Dauerkarten für die EuroMold 2007 können Sie auch ganz bequem ab sofort online unter <a href="http://www.euromold.com">www.euromold.com</a> bestellen.<br>Ermäßigte Tickets können sie nur vor Ort erwerben. |
| <b>Online Ticketing</b> | You can order day tickets and permanent tickets of EuroMold 2007 on our website <a href="http://www.euromold.com">www.euromold.com</a> .<br>Reduced tickets are only available directly at the fair.                          |

|                  |                                                                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Katalog</b>   | Der Katalog kann direkt auf der Messe erworben werden oder online über <a href="http://www.euromold.com">www.euromold.com</a> .              |
| <b>Catalogue</b> | You can get the catalogue either directly on the fair or you can order it online on <a href="http://www.euromold.com">www.euromold.com</a> . |

|                           |          |
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## Sehr geehrter Besucher,

willkommen zur **EuroMold** – Weltmesse für Werkzeug- und Formenbau, Design und Produktentwicklung. Es ist wieder so weit, die **EuroMold** öffnet vom 5. – 8. Dezember 2007 zum 14. Mal Ihre Pforten. Innovativ zu sein ist heute eine Grundvoraussetzung, um auf dem globalen Markt bestehen zu können. Vor allem in Billiglohnländern können viele Firmen deutlich kostengünstiger produzieren. Somit bleibt den Unternehmen in klassischen Hochlohnländern nur der Weg, über innovative Produkte in den Wettbewerb zu treten. Der vielbededete Mittelstand hierzulande ist nach wie vor hochinnovativ und verkauft seine Produkte und Dienstleistungen in die ganze Welt. Um jedoch wirklich erfolgreich zu sein, braucht es Netzwerke. Genau dies bietet die **EuroMold** mit ihrem einzigartigen Messekonzept – Vom Design über den Prototyp bis zur Serie – denn sie deckt damit nicht nur die gesamte Wertschöpfungskette ab sondern schafft auch Raum für Innovationen und Synergien. Auf der **EuroMold** 2007 können Unternehmen ihre Wettbewerbsfähigkeit einmal mehr nach außen präsentieren und zeigen, dass gerade eine klare Kundenorientierung und neue Ideen die eigene Position am Markt stärken und vorantreiben. Zahlreiche Sonderschauen und Konferenzen vertiefen einige Bereiche der Prozesskette. Ein attraktives Rahmenprogramm macht die **EuroMold** zu einem besonderen Erlebnis. Wir freuen uns, dass Sie dabei sind!

## Dear visitor,

Welcome to **EuroMold** – World Fair for Moldmaking and Tooling, Design and Application Development. It's time again – **EuroMold** will open its gates from December 5 - 8, 2007 for the fourteenth time. Being innovative is a minimum requirement today to be competitive in the global market. Particularly in low-wage countries, many companies can manufacture much more cost effectively.

Hence, in a classical high wage country like Germany the only way to overcome this is to counterattack with more innovative products. The often called medium-sized companies in this country are still highly innovative and sell their products and services to the whole world. However, to be really successful, networking is inevitable. This is exactly what **EuroMold** offers with its unique exhibition concept - From Design to Prototyping to Series Production - because **EuroMold** does not only cover the whole supply chain, but also expedites innovations and synergies.

At **EuroMold** 2007, companies are able to demonstrate their competitiveness and show that a clear customer orientation and new ideas strengthen their market position and push the sale. Numerous special exhibitions and conferences deepen some parts of the process chain. An appealing supporting programme turns **EuroMold** into a special experience. We are happy to meet you here!

**Diana Schnabel**  
Messeleitung / Exhibition Management

## Sehr geehrter Besucher,

Innovation und Vernetzung, diese Begriffe prägen die zukunftssträngige Entwicklung im globalen Wettbewerb. Die **EuroMold** als wichtigster Branchentreffpunkt für den Werkzeug- und Formenbau, Design und Produktentwicklung schafft dafür eine einzigartige Plattform. Dieses Jahr stehen wieder viele Sonderthemen und Highlights im Vordergrund. Unter dem Motto: „Werkzeug- und Formenbau – global denken, lokal handeln“ will die **EuroMold** 2007 den deutschen Werkzeug- und Formenbau stärken. In Halle 6.0 organisiert die **EuroMold** deshalb einen Gemeinschaftsstand Werkzeug- und Formenbau – Gastgeber Deutschland. Zusätzlich wird ein Mold + Die Center präsentiert, auf dem ausgewählte Unternehmen mit hochautomatisierten Werkzeugen und Maschinen einen kompletten Produktionsablauf entlang der gesamten Wertschöpfungskette zeigen. Die Gewinner des Wettbewerbs „älteste Spritzgieß-, Druckguss- und Stanzwerkzeug sowie die älteste Blasform“ präsentieren sich ebenfalls als Highlight in Halle 6.0.

Auch für den Nachwuchs ist gesorgt: Mit dem branchenübergreifenden Karriere- und Recruiting-Event careers4engineers soll dem Mangel an Fachkräften Abhilfe geleistet werden. Verschiedenen Foren und Konferenzen runden das Programm der **EuroMold** 2007 ab. Neu ist dieses Jahr das Forum Indien, das unter dem Motto „Benchmark, Einkaufsstrategien und Erfahrungsberichte“ steht.

Wir haben uns wieder viel Neues ausgedacht und wünschen Ihnen beim Erkunden viel Erfolg!

## Dear visitor,

Innovation and networking, these words characterise the promising development in global competition. **EuroMold** as the most important branch meeting point for Mold-making and Tooling, Design and Application Development creates a unique platform for this purpose. This year numerous special exhibitions and highlights stand in the limelight again. With the motto “Moldmaking and Tooling – think global, act local” **EuroMold** 2007 intends to strengthen especially the German moldmakers and toolers. Therefore, **EuroMold** organises the corporate stand “Host country Germany” in hall 6.0. Additionally, a Mold + Die Center will be presented, where selected companies show a complete production process along the whole process chain with highly automated tools and machines. Also the winners of the competition “Tender for the oldest tools and molds” present themselves as a highlight in hall 6.0. Prospective engineers are taken care of as well: The interbranch career and recruiting event careers4engineers is supposed to remediate the lack of skilled employees. Numerous forums and conferences complete the manifold programme of **EuroMold** 2007. New this year is the Forum India, which corresponds to the motto “Benchmark, Source Strategy and Field Reports”. We came up again with many new ideas and wish you a lot of success exploring it!

**Dr.-Ing. Eberhard Döring**  
Messeleitung / Exhibition Management



## EuroMold – ein innovatives Konzept

## EuroMold – an innovative concept

Unseren Besuchern verschaffen wir einen Überblick über:

Our visitors get a general idea of:

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Die **EuroMold** schließt weltweit die Lücke zwischen Industriedesignern, Produktentwicklern, Verarbeitern, Zulieferern und Anwendern.

- Produktrealisierung und Optimierung
- Reduzierung der Entwicklungszeiten
- Beseitigung von Kapazitätsengpässen in der Konstruktions- und Entwicklungsphase
- Erhöhung der Qualität und Wirtschaftlichkeit durch systematische Vorgehensweise und optimale Gestaltung von Form und Werkzeug
- Synergieeffekte in der Prozesskette, die durch Veränderungen der Einzelprozesse verursacht werden

- Product realisation and optimisation
- Reducing development times
- Reducing capacity problems in engineering and design phase
- Improvement of quality and economics by systematic approach and optimised design of part and mould
- Synergetic effects in the process chain, caused by the change of single process units

**EuroMold** closes world-wide the gap between industrial designers, application developers, processors, suppliers and end-users.





## Aussteller Eckdaten – 2007:

### Aussteller Daten 2007:

Stand: 3. September 2007

**1.462** Aussteller aus 41 Ländern

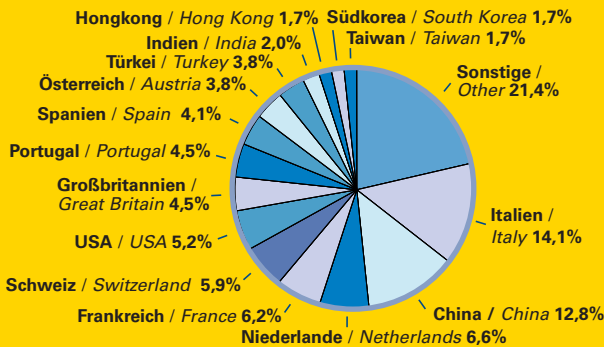
**933** aus Deutschland (63,8%)

**529** aus dem Ausland (36,2%)

**79.200** m² Ausstellungsfläche mit Produkten und Dienstleistungen entlang des weltweit einzigartigen Messekonzeptes "Vom Design über den Prototyp bis zur Serie"



### Internationalität der Aussteller / Foreign Exhibitors



Stand / Update: September 3, 2007

## Exhibitor – key figures 2007:

### Basic exhibitors data 2007:

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Update: September 3, 2007

**1,462** Exhibitors from 41 countries

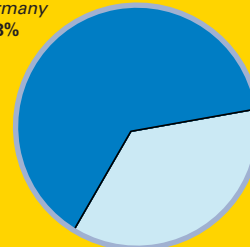
**933** From Germany (63.8%)

**529** From other countries (36.2%)

**79,200** sqm of exhibition area with products and services along the worldwide unique fair concept "From Design to Prototyping to Series Production"

### Aussteller - Deutschland / Ausland / Exhibitors - Germany / Abroad

Deutschland /  
Germany  
63,8%

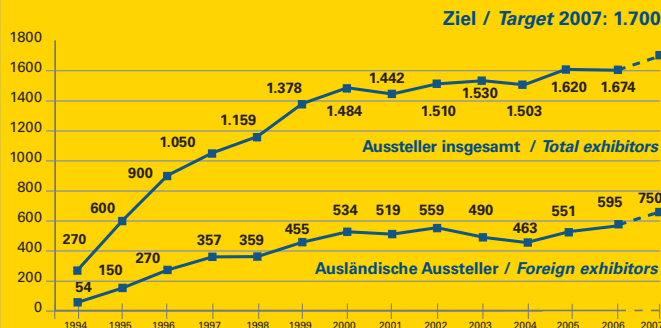


Ausland /  
Other countries  
36,2%



Stand / Update: September 3, 2007

### Ausstellerzahl / Number of exhibitors 1994-2007



Ziel / Target 2007: 1.700

Aussteller insgesamt / Total exhibitors

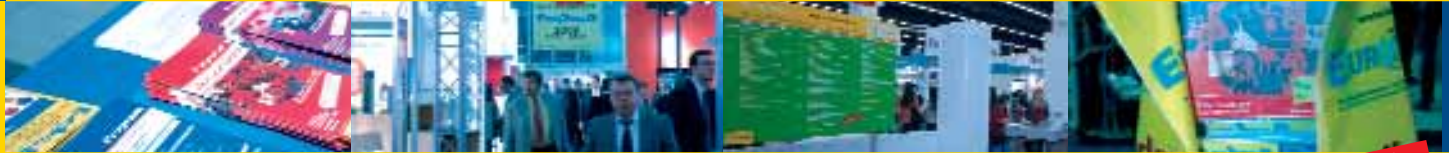
Ausländische Aussteller / Foreign exhibitors

### Ausstellerstruktur / Exhibitors structure 2007



Stand / Update: September 3, 2007





## Unser Service

## Our service

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### Lösungen

Auf der EuroMold können Sie ganz konkret mit Anbietern und Ausstellern über Lösungen sprechen. Ein direkter Kontakt in angenehmer Atmosphäre ist das passende Dialogumfeld, um Fragestellungen nachzugehen.

### Unterkunft

Um Ihren Aufenthalt während der **EuroMold** in Frankfurt so angenehm wie möglich zu machen, können Sie bei uns schnell und bequem Hotels, Privatzimmer sowie Apartments, in dem von Ihnen gewünschten Standard und zu günstigen Konditionen, buchen. Wir beraten Sie gerne.

### Eintrittskarten

Besucher können Ihre Eintrittskarten und Gutscheine für die **EuroMold 2007** ganz bequem online unter [www.euromold.com](http://www.euromold.com) bestellen bzw. eintauschen. Damit vermeiden Sie lange Wartezeiten an den Kassen und bezahlen bargeldlos. Bei Verlust können Sie die Eintrittskarte erneut ausdrucken.

### Rahmenprogramm

Ein spannendes Rahmenprogramm mit Messesfest, AWARD Verleihung, Sonderschauen, Konferenzen, und vieles mehr werden Ihnen den Besuch auf der **EuroMold 2007** versüßen.

### Forum

Interessante Themen und den neuesten Wissensstand aus ganz unterschiedlichen Branchen erfahren Sie in den verschiedenen Foren auf der **EuroMold**. Fachreferenten und Spezialisten berichten über Ihre Erfahrungen und geben Einblick in neue Entwicklungen. Die Foren sind für Besucher der **EuroMold** kostenlos.

### Konferenzen

Internationale Konferenzen sind und waren immer Bestandteil der **EuroMold**. Dieses Jahr präsentieren wir neben den beiden etablierten Konferenzen The Society of Plastic Engineers und Terry Wholers auch eine Konferenz zum Thema China sowie eine neue Konferenz zum Thema Indien. Das genaue Programm entnehmen Sie bitte unserer Homepage unter [www.euromold.com](http://www.euromold.com).

### Solutions

At **EuroMold** you get the possibility to discuss solutions precisely with suppliers and exhibitors. A pleasant atmosphere provides an excellent possibility to follow up questions.

### Accommodation

In order to avoid any inconveniences during **EuroMold** in Frankfurt, we arrange hotels, private rooms and apartments, met with your desired standard. We offer our service to special conditions in different price categories. We will be happy to advise you.

### Tickets

You can order your tickets and change your vouchers for **EuroMold 2007** comfortably online at [www.euromold.com](http://www.euromold.com). With this service you avoid long queuing and you can make cashless payments. In the event of loss you can print out your ticket again.

### Accompanying programme

With an exciting accompanying programme, including a fair party, the AWARD ceremony, special themes, conferences and much more, **EuroMold 2007** will make your days.

### Lecture forum

Interesting topics and the latest standard of knowledge from all different branches can be experienced in a wide range of lecture forums at **EuroMold**. Experts and specialists speak from their own experience and provide an insight into new developments. For visitors the forums are free of charge.

### Conferences

International Conferences had always been an integral part of **EuroMold**. This year we present also a new conference regarding India, apart from the established ones, like The Society of Plastic Engineers (SPE), Terry Wholers and China. More details concerning the programme you will find on [www.euromold.com](http://www.euromold.com).



**Sonderschauen und -themen sind ein wichtiger Bestandteil der EuroMold.**  
*Special themes and topics are an integral part of EuroMold.*

|                                                          |           |            |
|----------------------------------------------------------|-----------|------------|
| <b>Simulation / Simulation</b>                           | Halle 5.1 | Stand A61  |
| <b>Virtuelle Realität / Virtual Reality</b>              | Halle 5.1 | Stand B145 |
| <b>CAMPUS</b>                                            | Halle 5.1 | Stand D06  |
| <b>EuroMold AWARD</b>                                    | Halle 5.1 | Stand D17  |
| <b>Ausstellervortragsforum / Exhibitor Lecture Forum</b> | Halle 5.1 | Stand C15  |
| <b>Software-testing Workshop</b>                         | Halle 5.1 | Stand B41  |

## Sonderexponateschau / Special Exhibit Show Halle 6.1, Stand C05

Auf der Fläche Sonderexponateschau präsentieren Ihnen Aussteller außerhalb ihres Standes Produkte, die innovativ und zukunftsweisend sind und als Neuentwicklung einer Sparte stehen.

*At the special show for extraordinary exhibits, exhibitors will present beyond their stand products which are innovative and future-oriented. Furthermore, these exhibits can be seen as a new development in its branch.*

|                                                         |           |            |
|---------------------------------------------------------|-----------|------------|
| <b>Werkstoffe / Materials</b>                           | Halle 6.1 | Stand H129 |
| <b>Medizintechnik / Medical Technology</b>              | Halle 6.1 | Stand B130 |
| <b>design+engineeringforum</b>                          | Halle 6.1 | Stand E30  |
| <b>Professional Lounge VDID</b>                         | Halle 6.1 | Stand E49  |
| <b>Ausschreibungswettbewerb / Tendering competition</b> | Halle 6.0 | Stand B66  |

## OSCAR Prozess Halle 6.1, Stand E06

Das Projekt „OSCAR Prozess“ zeigt auf der **EuroMold** die Prozesskette anhand eines konkreten Beispiels. Das Leichtelektrofahrzeug OSCAR wird als Prototyp gefertigt und technisch für die Kleinserie vorbereitet. Alle diese Phasen werden einschließlich ihrer Ergebnisse und Zwischenergebnisse auf der **EuroMold** präsentiert.

*The project "Oscar Process" shows the process chain at EuroMold by a concrete example. The lightweight electric vehicle OSCAR will be constructed as a prototype and technically prepared for a small series. All specific phases, including their results and intermediate results, will be presented at EuroMold.*

## Werkzeug- und Formenbau / Moldmaking and Tooling Halle 6.0, B66

### Gemeinschaftsstand Werkzeug- und Formenbau Gastgeber Deutschland

Dieses Jahr wird auf der **EuroMold** ein Gemeinschaftsstand Werkzeug- und Formenbau mit dem Titel „Gastgeber Deutschland“ veranstaltet, auf dem Werkzeug- und Formenbauer ihre Produkte präsentieren. Der Gemeinschaftsstand bietet Raum, den Netzwerkgedanken auf der Messe zu leben.

### Corporate Stand Moldmaking and Tooling

*This year EuroMold will present a corporate stand Moldmaking and Tooling with the topic "Host country Germany", where tool and mould makers present their products. The corporate stand "Host country Germany" provides the possibility to show the idea of networking.*

## Denkplatz / Thinking Place

Halle 6.1, Stand E65

Vernetzen Sie Erfahrung und Wissen entlang des gesamten Wertschöpfungsprozesses. Nutzen Sie den **EuroMold** Denkplatz um Ihre individuellen Ideen und Lösungsansätze zu entwickeln – und das mit methodischer Vorbereitung und professioneller Moderation. Seien Sie ein Teil des kreativen Zentrums der **EuroMold 2007**!

*Network your experience and knowledge along the entire value-added process. Use the EuroMold Thinking Place to develop your individual ideas and methods of resolution – with methodic preparation and professional moderation. Be a part of the creative centre of EuroMold 2007!*

## Mold + Die Center

Halle 6.0, Stand D122

Als weiteres Highlight wird dieses Jahr erstmalig ein **Mold + Die Center** auf der **EuroMold** präsentiert. Ausgewählte Unternehmen zeigen hier mit hochautomatisierten Werkzeugen und Maschinen einen kompletten Produktionsablauf entlang der gesamten Wertschöpfungskette.

*Another highlight will be presented at EuroMold for the first time, a Mold & Die Center. Selected companies show a complete production process along the process chain with exalted automated tools and machines.*

## careers4engineers

zwischen Halle 5.1 und 6.1

Mit dem branchenübergreifenden Karriere- und Recruiting-Event **careers4engineers** am 7. und 8. Dezember 2007, soll der Dialog zwischen Studenten, Hochschulabsolventen, erfahrenen Ingenieuren und den Unternehmen nachhaltig gefördert werden.

*With the intersectoral career and recruiting event careers4engineers, taking place on December 7 and 8, 2007, the dialog between college students, graduates, experienced engineers and companies shall be supported sustainably.*

1

[www.dme.net](http://www.dme.net)



Halle 8.0, Stand D112 / Halle 9.0, Stand F74

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



Halle 8.0, Stand F27

8

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2

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



Halle 8.0, Stand H57

3

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



Halle 9.0, Stand A112

- |   |                                |
|---|--------------------------------|
| 1 | D-M-E Europe CVBA              |
| 2 | Delcam GmbH                    |
| 3 | Fritz Studer AG                |
| 4 | Fooke GmbH                     |
| 5 | ASC ALMET                      |
| 6 | BIKAR METALLE GmbH             |
| 7 | Berkenhoff GmbH                |
| 8 | HASCO Hasenclever GmbH + Co KG |

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



Halle 9.0, Stand B67

7

[www.bikar.de](http://www.bikar.de)



Halle 8.0, Stand E58

6

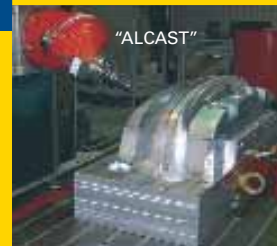
4

[www.fooke.de](http://www.fooke.de)



Halle 8.0, Stand D09

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



Halle 8.0, Stand A94

5





Mittwoch / Wednesday

5.12.2007

## China: Benchmark, Einkaufsstrategien und Erfahrungsberichte

|              |                                 |
|--------------|---------------------------------|
| Organisator: | Forum China / DEMAT GmbH        |
| Chairman:    | Dirk Meyer                      |
| Datum:       | Mittwoch 5. Dezember 2007       |
| Uhrzeit:     | 09:00 - 18:00 Uhr               |
| Ort:         | Saal Europa, Halle 4.0          |
| Sprache:     | deutsch, englisch, chinesisches |

Der chinesische Werkzeug- und Formenbau steht im Fokus der China Werkzeugbau und Formenbau Synergiebörse am 5.12.2007 mit dem Titel: „Benchmark, Einkaufsstrategien und Erfahrungsberichte.“

Hersteller aus nahezu allen Branchen prüfen den Einkauf von Werkzeugen und Formen aus China. Häufig fehlt es an Transparenz und entsprechend groß ist das Interesse an Marktinformationen und Erfahrungsberichten. Nähere Informationen sowie das Anmeldeformular finden sie unter [www.euromold.com](http://www.euromold.com).

Die Konferenz findet in deutsch, englisch und chinesisches mit Simultanübersetzern statt.

Donnerstag / Thursday

6.12.2007

## Indien: Benchmark, Einkaufsstrategien und Erfahrungsberichte

|                    |                              |
|--------------------|------------------------------|
| Organisator:       | Forum Indien / DEMAT GmbH    |
| Managing Director: | Friederike Suess             |
| Datum:             | Donnerstag, 6. Dezember 2007 |
| Uhrzeit:           | 09:00 - 18:00 Uhr            |
| Ort:               | Saal Europa, Halle 4.0       |
| Sprache:           | deutsch, englisch            |

Neu / New

Der indische Werkzeug- und Formenbau steht im Fokus der Indien Werkzeugbau und Formenbau Synergiebörse am 6.12.2007 mit dem Titel: „Benchmark, Einkaufsstrategien und Erfahrungsberichte.“

Hersteller aus nahezu allen Branchen prüfen den Einkauf von Werkzeugen und Formen aus Indien. Häufig fehlt es an Transparenz und entsprechend groß ist das Interesse an Marktinformationen und Erfahrungsberichten. Nähere Informationen sowie das Anmeldeformular finden sie unter [www.euromold.com](http://www.euromold.com).

Die Konferenz findet in deutsch und englisch mit Simultanübersetzern statt.

Nähere Informationen finden Sie unter [www.euromold.com](http://www.euromold.com).



Donnerstag / Thursday

6.12.2007

## Optimization of Life Cycle Costs within Injection Molding

|            |                                                        |
|------------|--------------------------------------------------------|
| Organiser: | Society of Plastics Engineers (SPE)                    |
| Chairman:  | Dr. Paul Filz,<br>Simcon Kunststofftechnische Software |
| Date:      | Thursday, Dec. 6, 2007                                 |
| Time:      | 10:00 a.m - 5:30 p.m                                   |
| Place:     | Room Symmetrie 2, Hall 8.1                             |
| Language:  | English                                                |

Block 1 Optimization of the Injection Process

Block 2 "Virtual" Technologies and Techniques

During the conference, Product Designers, Engineers, Mouldmakers and Moulders will have the opportunity to receive and discuss the most recent developments in Moulding Process Optimization. Lecturers will examine "Virtual" Technologies and Techniques. The program covers two blocks, each can be booked separately. Further information as well as the application form see on [www.euromold.com](http://www.euromold.com).

Freitag / Friday

7.12.2007

The Custom Manufacturing Mega Trend  
- Where China and the West fit in

|            |                                                 |
|------------|-------------------------------------------------|
| Organiser: | Wohlers Associate, Inc. / DEMAT GmbH            |
| Chairman:  | Terry Wohlers,<br>Wohlers Associate, Inc. (USA) |
| Date:      | Friday, Dec. 7, 2007                            |
| Time:      | 9:30 a.m - 5:00 p.m                             |
| Place:     | Room Symmetrie 2, Hall 8.1                      |
| Language:  | English                                         |

This special international conference will investigate the growing number of opportunities in custom and short run production and the role of China, Europe, the U.S. and other parts of the world. The conference will clarify why custom manufacturing is becoming increasingly important, especially in the West. Industry experts will discuss methods of additive fabrication for short run production and present new and exciting examples of rapid manufacturing. The program covers different sessions, each can be booked separately, so that the exhibition can be visited as well. Further information as well as the application form see on [www.euromold.com](http://www.euromold.com).



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## Aussteller-Vortragsforum

Halle 5.1

Stand C15

Mit insgesamt ca. 80 Vorträgen werden die Besucher an den vier Messtagen über die neuesten Trends entlang der Prozesskette – "Vom Design über den Prototyp bis zur Serie" – im Ausstellervortragsforum informiert.

**Hauptaugenmerk wird dabei auf die folgenden Themen gelegt:**

**Der Besuch der Foren ist kostenlos!**

**Engineering  
Produktentwicklung  
Werkzeugmaschinen  
CAD & CAM  
QS & Automatisierung  
Ver- und Nachbearbeitung**

**Zusätzlich bieten wir Ihnen Foren zu den folgenden Sonderthemen:**

|                                |                  |                   |
|--------------------------------|------------------|-------------------|
| <b>design+engineeringforum</b> | <b>Halle 6.1</b> | <b>Stand E30</b>  |
| <b>Medizintechnik</b>          | <b>Halle 6.1</b> | <b>Stand B130</b> |
| <b>Simulation</b>              | <b>Halle 5.1</b> | <b>Stand A61</b>  |
| <b>Virtuelle Realität</b>      | <b>Halle 5.1</b> | <b>Stand A131</b> |
| <b>Werkstoffe</b>              | <b>Halle 6.1</b> | <b>Stand H132</b> |

**Die Vorträge werden in Deutsch und Englisch gehalten.**

### Öffnungszeiten der Foren\*:

|                   |                  |                          |
|-------------------|------------------|--------------------------|
| <b>Mittwoch</b>   | <b>5.12.2007</b> | <b>14:00 – 18:00 Uhr</b> |
| <b>Donnerstag</b> | <b>6.12.2007</b> | <b>10:00 – 18:00 Uhr</b> |
| <b>Freitag</b>    | <b>7.12.2007</b> | <b>10:00 – 18:00 Uhr</b> |
| <b>Samstag</b>    | <b>8.12.2007</b> | <b>10:00 – 15:30 Uhr</b> |

\*Änderungen vorbehalten.

## Exhibitor lecture forum

Hall 5.1

Stand C15

*Altogether approx. 80 lectures will inform our visitors in the lecture forum about the latest trends on the four-day fair along the process chain - "From Design to Prototyping to Series Production."*

**Main focus will be on the following:**

**The Lecture Forum  
is free of charge!**

**Engineering  
Application Development  
Machine Tools  
CAD & CAM  
Quality Assurance & Automation  
Processing & Finishing**

**In addition, we offer forums to the following special topics:**

|                                |                 |                   |
|--------------------------------|-----------------|-------------------|
| <b>design+engineeringforum</b> | <b>Hall 6.1</b> | <b>Stand E30</b>  |
| <b>Materials</b>               | <b>Hall 6.1</b> | <b>Stand H132</b> |
| <b>Medical Technology</b>      | <b>Hall 6.1</b> | <b>Stand B130</b> |
| <b>Simulation</b>              | <b>Hall 5.1</b> | <b>Stand A61</b>  |
| <b>Virtual Reality</b>         | <b>Hall 5.1</b> | <b>Stand A131</b> |

**The lectures will be given in English and German.**

### Business hours of the exhibitor lecture forums\*:

|                  |                  |                               |
|------------------|------------------|-------------------------------|
| <b>Wednesday</b> | <b>5/12/2007</b> | <b>14:00 a.m. – 6:00 p.m.</b> |
| <b>Thursday</b>  | <b>6/12/2007</b> | <b>10:00 a.m. – 6:00 p.m.</b> |
| <b>Friday</b>    | <b>7/12/2007</b> | <b>10:00 a.m. – 6:00 p.m.</b> |
| <b>Saturday</b>  | <b>8/12/2007</b> | <b>10:00 a.m. – 3:30 p.m.</b> |

\*Subject to alterations.





## Ihre Anreise zur EuroMold

## Your Journey to EuroMold

Besuchen Sie uns!  
Visit us!

### Verkehrsverbindungen

Die Stadt Frankfurt liegt im Zentrum sowohl Deutschlands als auch Europas und ist verkehrstechnisch perfekt angebunden, damit Sie schnell und einfach das Messegelände erreichen können.

#### Anreise mit dem Flugzeug

Der Flughafen ist von der Messe Frankfurt ca. 15 km entfernt.

##### weiter mit dem Taxi

Fahren Sie direkt zur Messe Frankfurt, „Eingang Galleria“ (Halle 9 Nordseite) oder „Eingang Friedrich-Ebert-Anlage“.

##### Telefon -Taxizentralen

+49 (0)69 23 00 01

+49 (0)69 25 00 01

+49 (0)69 23 00 33



##### weiter mit der S-Bahn

Sie können mit der S8 und S9 Richtung Hanau direkt zum Hauptbahnhof fahren (Fahrzeit ca. 10 min.). Auf Gleis 104 mit der S3, S4, S5 oder S6 bis zur Haltestelle Messe. (Fahrzeit ca. 3 min.)

#### Anreise mit dem Auto

Der direkte Weg zur Messe führt über die A 5 zum Westkreuz Frankfurt. Folgen Sie den Hinweisschildern „Messe Frankfurt“ oder „Messe“, die Sie zum Parkhaus Rebstock mit 15.000 Parkplätzen direkt an der Autobahn führen. Ein kostenloser Parkhausbus bringt Sie zum Messegelände.

#### Anreise mit der Bahn - Hauptbahnhof



##### weiter mit der S-Bahn

Vom Hauptbahnhof auf Gleis 104 (Tiefbahnhof) mit der S3, S4, S5 oder S6 bis zur Haltestelle „Messe“ (Fahrzeit ca. 3 min.)



##### weiter mit der U-Bahn

Linie U4 fährt vom Hauptbahnhof in Richtung Bockenheimer Warte direkt zur Haltestelle „Festhalle / Messe“.



##### weiter mit der Straßenbahn

Straßenbahnhaltestelle (Hauptausgang quer über Bahnhofplatz). Die Linien 16 und 17 fahren direkt zur Haltestelle „Festhalle / Messe“.

##### weiter zu Fuß

Vom Bahnhof aus gehen Sie auf der Düsseldorfer Straße über den Platz der Republik und die Friedrich-Ebert-Anlage bis zum Messegelände (ca. 15 Minuten).

### Transport link

The city of Frankfurt is in the centre of Germany and Europe and provides a well constructed infrastructure. For this reason, you can reach the Exhibition Centre Frankfurt easily.

#### Arriving by plane

The airport is only 15 km away from the Exhibition Center Frankfurt taking a cab

Take the cab directly to Messe Frankfurt, „Entrance Galleria“ (hall 9 north side) or „Entrance Friedrich-Ebert-Anlage“.

##### cab company phone numbers:

+49 (0)69 / 23 00 01

+49 (0)69 / 25 00 01

+49 (0)69 / 23 00 33



##### taking the suburban train

S8 or S9 suburban (direction Hanau) leaves the station below Terminal 1, stopping at the Central Station (the journey takes approx. 10 min.). From there (platform 104) S3, S4, S5, S6 to the station „Messe“ (the journey takes approx. 3 min.).

#### Arriving by car

The A 5 interstate via the Westkreuz Frankfurt interchange takes you directly to Messe Frankfurt. Follow the signposts „Messe Frankfurt“ or „Messe“. These will take you to the „car park Rebstock“, where 15.000 parking lots are located right next to the interstate. From there, a free car park bus will take you to the fair ground.

#### Arriving by train - Main Station



##### taking the suburban

From platform 104, take S3, S4, S5, S6 to the „Messe“ stop (the journey takes approx. 3 min.). If you want to return to the airport from the Central Station, take S8 or S9 in direction Wiesbaden.



##### taking the subway

Line U4 leaves for Bockenheimer Warte, stopping at „Festhalle / Messe“.



##### taking the tram

From the railway platform, proceed to the main exit, cross the station forecourt and go to the streetcars. No. 16 and 17 will take you directly to „Festhalle / Messe“.

##### walking on foot

From the Central Station, walk along Düsseldorfer Straße heading towards Platz der Republik. Carry straight on, along Friedrich-Ebert-Anlage, which will lead you directly to the fair grounds (approx. 15 min.).

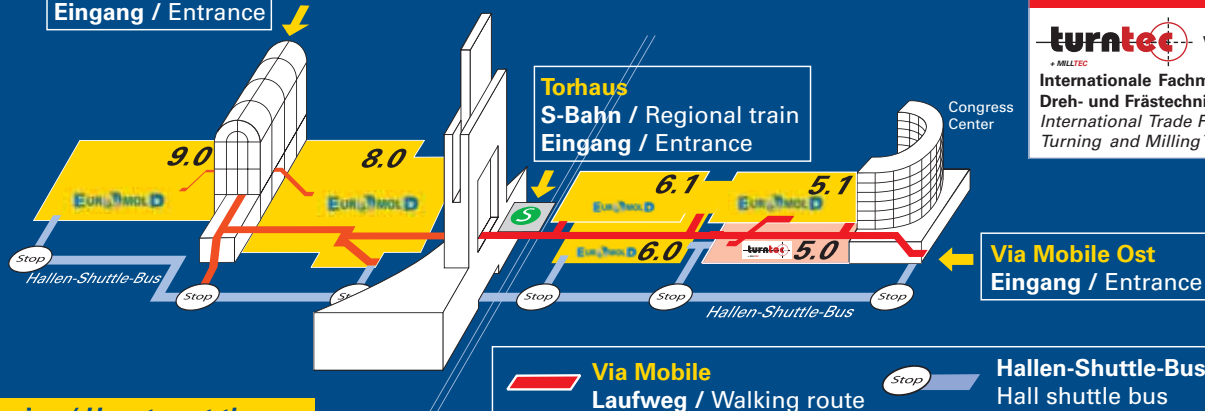




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## Eingänge / Entrances

**Galleria Nord**  
**Eingang / Entrance**

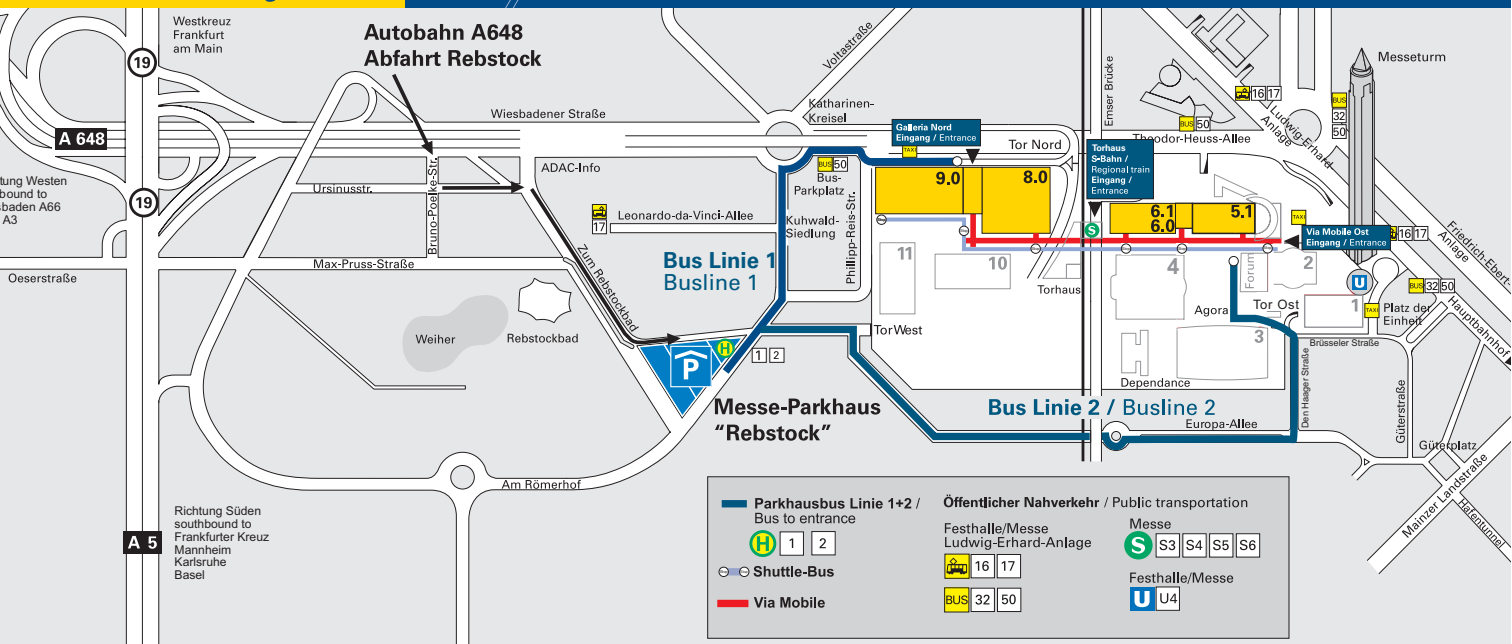


**Zeitgleich / Parallel turntec 2007 vom /  
from 5. - 7. Dez. 2007, Hall 5.0**

**turntec**  [www.turn-tec.net](http://www.turn-tec.net)  
+ MILLTEC

**Internationale Fachmesse für Drehteile,  
Dreh- und Frästechnik - Halle 5.0**  
*International Trade Fair for Turned Parts,  
Turning and Milling Technology - Hall 5.0*

## Anreise / How to get there



# The Custom Manufacturing MegaTrend

## Where China and the West Fit In

9th Annual International Conference



**Date and Time:** Friday 7 December 2007, 09:30 – 17:45

**Location:** Exhibition Center Frankfurt/Main, Germany, Hall 8.1, Room Symmetrie 2

**Organizer:** DEMAT GmbH (Frankfurt, Germany)

**Chairman:** Terry Wohlers, Wohlers Associates, Inc. (USA)

**Conference Language:** English

**Fee Per Half Day:** €140 + 19% VAT. GARPA members pay €126, plus VAT per half day. Special price for full day: €240, plus VAT. Registration fee includes entrance into the conference and exhibition, technical papers, lunch, GARPA reception and party, and a chance to win valuable prizes.

**Registration:** Phone 49 69 27 40 03 30, fax 49 69 27 40 03 40, or email [verena.frenkler@demat.com](mailto:verena.frenkler@demat.com). A registration form and other details are available at [www.euromold.com](http://www.euromold.com).

### Goal

To concentrate on the growing number of opportunities in custom, replacement part, and short-run manufacturing and the role of China, Europe, and other parts of the world.

### Objectives

- Understand why custom manufacturing is becoming increasingly important
- Identify industries and companies that are among the first to embrace this emerging megatrend and others that are likely to follow
- Explore methods of additive fabrication for custom and short-run production
- Learn whether it is possible to obtain German quality at Chinese prices
- Discover how local, on-demand manufacturing can reduce shipping, inventory, and supplier relationship costs
- Consider the possible business opportunities in rapid manufacturing and what the future holds

### Description

This special international conference will investigate the growing number of opportunities in custom and short run production and the role of China, Europe, the U.S., and other parts of the world. The conference will clarify why custom manufacturing is becoming increasingly important, especially in the West. Industry experts will discuss methods of additive fabrication for short run production and present new and exciting examples of rapid manufacturing. What's more, they will review ways in which companies might be able to achieve German quality at Chinese prices. The speakers will also identify industries and companies that have been an important part of this megatrend. And finally, they will consider new business opportunities and explore what the future holds.

### Program

9:30 Dr. Eberhard Döring, Chief Executive  
DEMAT GmbH (Germany)

9:45 **The Second Industrial Revolution**  
Mr. Terry Wohlers, President  
Wohlers Associates, Inc. (USA)

New methods of manufacturing are bringing about fundamental change in the way products are designed and delivered. With advances in additive fabrication, it is now possible to conceive a product and deliver it to a customer within days. In the near future, a staggering range of new and distinctive products is expected to burst onto the scene. A number of them will come from people working at home. As the custom manufacturing megatrend unfolds, expect to see the custom design of medical and dental products, jewelry, sportswear, military replacement parts, business jet interiors, high-end automobiles, and motorsports. Also, anticipate the development of collectables such as action and sports figures and personalized awards and gifts.

10:15 **The World is Not Flat**

Dr. Ping Fu, President and Chief Executive Officer  
Geomagic (USA)

As the USA merges into the world economy, best practices in China will become best practices globally. Products developed in China will become global products. In this special presentation, Fu will provide her unique perspective on globalization, kind of a Thomas Friedman in reverse. (Friedman is the author of *The World is Flat*.) Fu sees the use of rapid manufacturing technology as an interruption to the painful outsourcing that many accept as the inevitable outcome of globalization. Will American business be able to reinvent itself? Can a nation based on democracy and run by lawyers find a way to balance shareholder value with human value? How long can China, a nation run by engineers, be content as the world's sweatshop?

10:45 Break and Refreshments

11:15 **The Future of Custom Manufacturing in China**

Mr. Gordon Styles, Managing Director and Owner  
Star Prototype (China)

How will China join in with the custom manufacturing megatrend? Currently, most of China does not see any point in doing a few hundred parts when so much money can be made making millions of parts. As with any developing country, China's costs will inevitably rise, as will its skills. Already, we are seeing textile-related industries move from China to Vietnam. Indeed, China will learn to do low volumes efficiently. When the market dictates that it wants UNIQUE, and it wants it FAST, there will be millions of Chinese people ready to provide this service.

11:45 **About Lead Times and Lap Times: RM in Motor Racing**

Mr. Tillmann Paul, Production Engineer  
Toyota Motorsport GmbH (Germany)

Manufacturing in motor racing can be characterized by three major requirements: High quality, short lead times combined with high flexibility, and low volume production. Quality is crucial because parts are designed for maximum performance and operated at their limits. The main advantages of rapid manufacturing are shortened lead times that permit a later design freeze, as well as greater geometric freedom. It is crucial to find applications where these advantages compensate for the inherently inferior properties of RM parts. New applications of RM will emerge as improvements are made to material properties, dimensional tolerances, and part repeatability.

12:15 **Expert Panel Discussion**

Join the morning speakers for an interactive session of questions and answers. Seek answers to difficult and probing issues and problems.

13:00 Buffet Lunch



14:15 **Custom Manufacturing: A Growing Opportunity for Europe**

Dr. Philip Dickens, Associate Dean of Research and Professor  
Loughborough University (England)

Until recently, custom manufacturing was a standard practice. In the past, clothing, suits of armor, swords, and saddles were special made for customers. It was not until the Industrial Revolution of the late 1700s that mass production became common. Over the past 250 years, the West developed technically and economically, while China largely maintained a culture of peasants, which are now being employed to manufacture low cost products for the world. Today, the West cannot compete against China for many products, but customization may be a solution. Dickens will explore which products are most opportune for customization, why customization needs to be local, and how rapid manufacturing can play a key role in this activity.

14:45 **Indirect Rapid Manufacturing of Metal Components**

Mr. Tom Mueller, Partner and Co-Founder  
Express Pattern (USA)

Rapid manufacturing applications have largely been limited to non-metallic materials due to limitations of additive fabrication (AF) for metals. However, the use of AF to create an intermediate step in the manufacture of a metal component, such as AF patterns for investment casting, has grown tremendously over the past few years. Such use of AF technology might be termed “indirect rapid manufacturing.” Currently, the production value of indirect rapid manufacturing is many times larger than that of direct rapid manufacturing. Indirect RM is providing new alternatives and is leading to fundamental changes in the process of selecting a method of manufacturing.

15:15 Break and Refreshments

15:45 **Additive Metal in a Production Environment: The Emergence of a Disruptive Technology**

Mr. Greg Morris, Principal and Chief Operations Officer  
Morris Technologies, Inc. (USA)

Over the past two years, our industry has seen dramatic progress in the capabilities of several additive fabrication technologies. These advances have revolutionized how some parts are designed and manufactured, both at the prototype and short-run production phases. Morris Technologies was the first company in North America to introduce additive metal fabrication based on Direct Metal Laser Sintering technology from EOS. Morris will explore the role of metal technologies, as well as the critical quality systems and processes that must accompany them in a production environment. Also, he will explain why he believes these technologies will revolutionize the way some products are designed and manufactured.

16:15 **More Iterations, More Competitive: The Push for Formula One Success**

Mr. Steve Nevey, Business Development Manager  
Red Bull Racing (England)

The aim for any Formula One team is to fully optimize every part of the racing car. A way of doing this is to test as many iterations of a given part or system as possible. Rapid prototyping has significantly increased the throughput of Red Bull Racing's wind tunnel testing program. The development of additive fabrication technology has seen some fascinating applications, to the point where the team is starting to put components produced by AF onto the racing car itself.

17:00 **Expert Panel Discussion**

Join the afternoon speakers for an interactive session of questions and answers. Seek answers to difficult and probing issues and problems.

18:00 **GARPA Party & Reception**

Meet representatives from the Global Alliance of Rapid Prototyping Associations (GARPA) and win valuable gifts and prizes.



## After Show Report



World Fair for Moldmaking and Tooling, Design And  
Application Development, Exhibition Center Frankfurt  
December, 17, 2007

### Information, Innovation, and Inspiration

#### EuroMold 2007 convinces und fascinates the visitors also in the 14<sup>th</sup> year

EuroMold, World Fair for Moldmaking and Tooling, Design and Application Development, convinced the audience in its 14<sup>th</sup> year, too. 61.720 visitors from 83 countries came to Frankfurt to get informed: Latest products, concepts and strategies are of essential importance for this industrial area and make the daily work much easier. Compared to last year, DEMAT GmbH, exhibition management of EuroMold, succeeded to increase the visitors rate about 2.1 percent.

EuroMold with its successful concept „From Design to Prototyping to Series Production“ shows the whole process chain and fills up the different industrial sectors with exhibitors. This increases the value of the show for the visitors. Attendees can discuss the realization of an idea with designers, with experts of simulation they can discuss the optimization of process flow and possible cost decrease and with specialists in the branch field materials they can talk about advantages and disadvantages of different materials.

The industrial sector design had grown continuously in the last years. 2006, eight percent of all EuroMold visitors came out of this branch, which means, it was the fifth<sup>st</sup> biggest group of visitors. This fact was stayed abreast this year, too – on the special theme design+engineering and the platform Design Talents. Young designers or companies could present themselves, their ideas and products. EuroMold offers them the chance to make contacts and paves the way for cooperation and business. Dr.-Ing. Eberhard Döring, exhibition management of EuroMold, said in his inauguration address: “DEMAT GmbH tries to make the fair better every year. The feedback and the critical arguments of the exhibitors are very important for us to achieve this target.” Reinhard Bolz, EDAG, said: “Numerous branch visitors were at our booth, so several promising contacts could be made.” Uwe Vieregge, OneCNC, was also very positive about the fair. „EuroMold was fantastic for us, about 25 percent contacts more than last year and 2006 was good as well.” Uwe Vieregge is quite sure: „See you next year in Frankfurt,” was what he told DEMAT.

This year, DEMAT GmbH, succeeded again to track and visualize the needs of the visitors. Numerous special themes, forums, expert rounds and conferences contributed to this success as well as the huge number of exhibitors in the different areas of the process chain. Additionally, the focus was targeted on China and India by two forums. These two nations have already today a leading position in the world market and will in the future be on advance, too. To be aware of habits and mentality is of importance for all businessmen, who want to make business there. EuroMold offered visitors the opportunity to inform themselves about China and India and to learn from businessmen, who already are working successfully in these countries.

More than 1654 exhibitors from 43 countries took part at EuroMold 2007 and they were all very pleased with the fair – high quality of attendees, many interesting discussions and a lot of business contacts; the first reactions were very positive. Michael Schedler, Dörries Scharmann Technologie GmbH, said after the fair: “EuroMold 2007 did exceed our high expectations. Quality and internationality of the attendees were excellent, as well as the technical discussions. This and the



economic development make us expect very good business after the fair. EuroMold has once again impressively underlined its status as the World Fair for Moldmaking and Tooling.”

This year, most of the foreign exhibitors came from China (21.36%), followed by Italy (10.23%), South Korea (6.58%), Great Britain (4.94%), Switzerland (4.75%), France (4.02%), Spain (4.02%), The Netherlands (3.83%), Turkey (3.83%), USA (3.83%), Austria (3.10%), Taiwan (3.10%), India (2.92%), Hong Kong (2.55%), and Portugal (2.55%).

Again, most exhibitors this year came from the sector Moldmaking & Tooling (25.08%), followed by Patternmaking & Prototyping (9.58%), Rapid Prototyping & Tooling (8.60%), Engineering (8.40%), Software & Hardware (7.76%), Machine Tools (6.88%), Tools (6.58%), Design (6.54%), QA & Automation (4.57%), Materials (4.37%), Accessories (3.73%), Processing & Post-Processing (2.41%), Coating (1.72%), Peripherals (0.59%), Others (3.0%).

Visitors, who wanted to view the whole industrial process chain attended the special show Mold + Die Center, where thirty participating companies went step by step to show the entire process chain “From Design to Prototyping to Series Production”, and produced on site “the coral” – a pen holder to keep office desks tidy. After seeing real production done, EuroMold visitors now have a much better idea how precision work, time and energy is actually involved in creating and manufacturing goods of consistently high quality.

The EuroMold Awards in gold, silver and bronze honour companies with an innovative product, concept, or service. This year, the Oskar Frech GmbH + Co. KG got the bronze award, for an innovative reduced-sprue zinc die casting process, with better casting quality and reduced costs. The silver award went to the BBG GmbH & Co. KG, which developed a module consisting of a solar collector and a photo-voltaic system, in cooperation with Solarzentrum Allgäu. The module consists of a solar collector paired with a photovoltaic module, and permits the simultaneous use of solar energy for water heating, (domestic) heating, and, the production of electricity, using a single surface. The Award in gold went to Objet Geometries Ltd. for their product, Connex500™, the first 3d-printing system where diverse materials with different mechanical or physical characteristics are used simultaneously.

The awards were presented by Winfried Krack, chairman of the exhibitor board of EuroMold 2007.

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**Updated: December 17, 2007**  
**Specimen copy requested!**