

Zinc Diecasting Focus 2008: Program



JUNE 2008, FROM WEDNESDAY 11 TO FRIDAY 13

WEDNESDAY JUNE 11

16.00 - 19.00 Welcome & Registration Desk

19.30 - 20.30 *Welcome drink*

THURSDAY JUNE 12

Authors

8.00-18.00 Registration desk

9.00 Opening of the conference

R. Sempels

9.05 Welcome of participants

D. Rollez

9.15 Invited review paper

- Zinc High Pressure Diecastings -Overview and New Developments

L. Kallien

New Developments in Diecasting Equipment Session

chairman: F. Goodwin

9.35 • A Novel Software Approach to PQ² Die Design Calculations for Zamak Parts

A. Panvini

9.55 • Fatigue Life Prediction of a Diecasting Tool Steel

Ng. Chuan Huat

10.15 • Optimal Die Design and Machine Performance Evaluation for Zinc Alloy Miniparts Casting

A. Panvini

10.35 - 11.05 *Coffee break*

11.05 • The use of Direct Metal Laser Sintered (DMLS) Tooling for the Manufacture of Zinc Diecast Component

M. Stanford

11.25 • Innovative Die and Machine Concepts in Zinc Diecasting for Optimum Costs and Quality

M. Schlotterbeck

11.45 • Multi Material Injection

I. San Miguel

12.05 • «HMDI Hot Manifold Direct Injection» New Way of Improving Efficiency

M. Gilles

Post Diecasting Operations Session

chairman: D. Rollez

12.25 • Benchmarking the Performance of Chromium(VI)-Free Passivation Treatments for Zinc Diecastings

R. Feser

12.45 • The Surface Treatments on Zamack for the Decoration and for the Protection

F. Raulin

13.05 - 14.30 *Lunch*

Diecasting Alloys Development Session

chairman: L. Kallien

14.30 • Zinc Foam in High Pressure Diecasting

S. Schoenberg

14.50 • Industrial Trials with Improved Fluidity Zn-4.5% Al Pressure Diecasting Alloy

R. Seiler/P. Holden

15.10 • Advanced Research on Zamak Alloys

A. Pola

15.30 - 16.00 *Coffee break*

16.00 • The Influence of Surface Skin on Flexural and Fatigue Properties of Zinc Pressure Diecasting Alloys

F. Goodwin

16.20 • Ultrasound Treatment of Zinc Alloys

A. Pola

16.40 - 17.00 • The Second Generation of Casting Simulation for Zn High Pressure Diecasting Parts

E. Escobar

19.30 - 20.30 *Cocktail Reception*

20.30 - 23.00 *Gala dinner*

FRIDAY JUNE 13

Authors

8.00-10.30	Registration desk	
	Environment Session	<i>chairman:</i> S. Grund
9.00	<ul style="list-style-type: none"> • EU Legislations (End of life vehicle, RAR, REACH, RoHS,...) 	F. Van Assche
9.20	<ul style="list-style-type: none"> • LCA on Die Cast Parts 	H. Florin
9.40 - 10.10	Coffee break	
	Markets / Applications Session	<i>chairman:</i> A. Panvini
10.10	<ul style="list-style-type: none"> • More Reliable and Faster Series Production by Innovative Product Development 	G. Bühner
10.30	<ul style="list-style-type: none"> • Co-conception for Technical and Economical Optimization 	R. Laurent
10.50	<ul style="list-style-type: none"> • Smart Development Approach to Breakthrough Zinc Diecasting Technology Borderline 	G. Zammattio
11.10	<ul style="list-style-type: none"> • Presentation of the German Diecasting Award 	S. Grund
11.30	<ul style="list-style-type: none"> • European Award Presentation 	R. Sempels
11.50	<ul style="list-style-type: none"> • Communication Strategy 	R. Sempels
	Conclusion Session	<i>chairman:</i> D. Rollez
12.10	<ul style="list-style-type: none"> • Zinc Diecasting Challenges and Opportunities 	D. Rollez
12.30	Discussion	
13.00 - 15.00	Lunch	

