



International Zinc Die Casting Conference 2018
June 4-6, Sheraton O'Hare Airport Hotel, Chicago, IL
Preliminary Program

Monday, June 4

4:00-6:00 PM Registration Desk open at Sheraton O'Hare Airport Hotel
 6:00-7:30 Welcome Reception at Sheraton O'Hare Airport Hotel

Tuesday, June 5

8:00 AM Registration Opens
 8:45 Opening address – Stephen Wilkinson, Executive Director International Zinc Association

Session 1: Markets and Market Development

9:00 IZA Marketing for Zinc Die Casting - Martin van Leeuwen, International Zinc Association
 9:20 Global Die Casting markets - Ling Tao, Nyrstar
 9:40 North America Zinc supply and demand 'State of Industry' – Steve Udvardy, NADCA

 10:00 Coffee Break- Sheraton One

Session 2: Zinc Die Casting Technology I

10:30 AM New developments for Improved profitability with reduced gate and runner system – Samuel Georgii, Frech
 10:50 Zinc Die Casting – Rob McInerney, BuhlerPrince
 11:10 NADCA Zn R&D- Paul Brancaleon, NADCA
 11:30 Segregation in Zinc Die Casting alloys – Patricia Bordon Sarac, NEXA

 11:50 Lunch- Sheraton One

Concurrent special session 10:30 – 11:30 Price / Risk workshop – Mark Morgan, Eastern Alloys

Session 3: Zinc Die Casting Technology II

1:00 PM Shot Trace Analysis, Case studies and other insights to the Zinc Die Casting industry- Bob McClintic, Bob McClintic & Associates
 1:20 Functional Beauty in Zinc Die Casting- Carrie Zethmayr, Bruschi
 1:40 Ultra-thin wall zinc parts, Trends 1998-2018, Developments in machine and process technology- Martin Schlotterbeck, Frech

Session 3: Continued

2:00 Ageing and Creep behaviour of Zinc Die Casting alloys- Frank Goodwin, IZA

Session 4: New Developments in Surface Finishes

2:30 PM Finishing Zn Castings – Wasyl Bojczuk, New Brunswick Plating
2:50 Finishing of miniature Zinc Die Casting- David Haener, Dynacast
3:10 Vacuum Die Casting- Jason Schaller, Midland Technologies

3:30 Coffee Break- Sheraton One

Session 5: Simulation and Process Modeling

4:00 PM Continuously cast bar stock for rapid prototyping – Randy Sakauye, Zinco
4:20 Gating equation for Zn gate selection – Al Miller, Ohio State University
4:40 Castle software- Tommaso Botter, ProSimulation
5:00 End of first day

6:00-7:00 PM Cocktail Reception- O'Hare Room
7:00-9:00 Gala Dinner- O'Hare Room

Wednesday, June 6

Session 6: Zinc Die Casting Competition

8:00 AM Registration Opens
9:00 Overview of competition – Martin Gagné, International Zinc Association
9:20 Presentations by the 3 Die Casting Competition Winners (each lasting 20 minutes)

10:30 Coffee break- Sheraton One

Session 7: Design and New Alloy Application

11:00 AM ILZRO process design tools – Frank Goodwin, International Zinc Association
11:20 IZA product design tools – Martin Gagné, International Zinc Association
11:40 EZAC update & applications - Ryan Winter, Eastern Alloys

12:00 PM Conclusions – Frank Goodwin, International Zinc Association
12:30 Lunch- Sheraton One
2:00 End of Conference