

International MAGMA User Meeting 2026



October 7-9, 2026 in Salzburg, Austria



Wednesday, October 7, 2026

- 16:00 **Meet & Greet "Radisson Blu"**
- 18:00 **MAGMAwelcome "Radisson Blu"**

Thursday, October 8, 2026

- 08:30 Registration
- 09:00 **Welcome and Plenary Presentations I**
 - **MAGMASOFT® 6.2**
Vanessa Glück Nardi, MAGMA GmbH, Germany
 - **Benefits & Challenges of Using MAGMASOFT® from an OEM Perspective**
David Peterson, Perkins Engines Ltd., UK
- 10:30 Coffee Break
- 11:00 **Plenary Presentations II**
 - **The Hidden Costs of Coremaking**
Diogo Alves de Sá, MAGMA GmbH, Germany
 - **Development Process of an Aluminum Helicopter Gearbox Casting Using MAGMASOFT® Simulation Iteration**
Emrah Yalınız, TAI TUSAŞ-Türk Havacılık ve Uzay Sanayii A.Ş., Türkiye
- 12:30 Lunch
- 14:00 **MAGMAworkshops (Session I)**
 - **Iron Casting**
 - **Steel Casting**
 - **Die Casting (HPDC)**
 - **Non-Ferrous Applications**
(Permanent Mold/LPDC/Sand Casting)
 - **Core Making Processes**
 - **Continuous Casting**
- 17:00 **Guided City Tour**
- 18:30 **MAGMAevening "Stiegl-Keller"**

Friday, October 9, 2026

- 08:30 **Business Coffee + Q&A**
- 09:30 **MAGMAworkshops (Session II)**
 - **Iron Casting**
 - **Steel Casting**
 - **Die Casting (HPDC)**
 - **Non-Ferrous Applications**
(Permanent Mold/LPDC/Sand Casting)
 - **Core Making Processes**
 - **Continuous Casting**
- 12:45 **Plenary Presentations III**
 - **Developments in MAGMASOFT® – An Outlook**
Jesper Thorborg, MAGMA GmbH, Germany
 - **The New MAGMA Learning World**
Philipp Rheindorf, MAGMA GmbH, Germany
- 13:45 **Résumé and Closing of the User Meeting**
- 14:00 Lunch

MAGMAworkshops

Iron Casting

- **From ACE to DISA – Economic Transition Challenges**
Andri Jatmiko, AT Indonesia, Indonesia
- **Increasing Yield and Reducing Carbon Footprint in Casting Front Axle Bearings Made of Spheroidal Graphite Cast Iron Used in Tractors by Using MAGMASOFT®**
Cem Aydın, DÖKTAŞ Dökümcülük Ticaret ve Sanayi A.S., Türkiye
- **Hardness Improvement of a Ductile Iron Housing**
Dannie Yan, MAGMA Engineering (Suzhou) Co., Ltd., P.R. China
- **From Fluid Flow to Financial Flow: Economic Impact of Reverse Filling/Feeding Issues in Iron Casting**
Suraj Kumar, MAGMA Engineering India Pvt. Ltd., India
- **Usage of Economics Not Only for Cost Evaluation, but also to Calculate the Correct Gating and Feeder Sizes**
Szymon Filipek, MAGMA GmbH, org. složka, Czech Republic
- **New Developments and Their Impact on MAGMAiron**
Gino Di Clemente & Mathias Bodenbarg, MAGMA GmbH, Germany

Steel Casting

- **Quality-Focused Cost Optimization in Casting Through MAGMASOFT®**
Tuna Kaya, Pınar Döküm Sanayi ve Ticaret A.S., Türkiye
- **Verification of the Influence of Thermal Convection on Riser Shrinkage in Steel Castings Based on MAGMASOFT®**
Han Tongtong, Erzong (Deyang) Heavy Equipment Co., Ltd., P.R. China
- **Topics of Porosity Criterion**
Albert An, China Machinery Industrial Products Co., Ltd., P.R. China
- **MAGMASOFT® Simulation Driven Excellence: Addressing High Thickness Solidification and Dimensional Control Challenges in Steel Casting**
Nihal Achambatt, Peekay Steel Castings Private Limited, India
- **Do Cores Move in a Mould? Can MAGMASOFT® Predict Core Movement?**
Simon Olive, Maxima Eng. & Software Services Ltd., UK

Steel Casting (Continued)

- **Hot Tear Analysis in MAGMASOFT®: Development of a Test Piece for Correlation Between Simulation and Practice**
Felipe Cebukin, MAGMA Engenharia do Brasil Ltda., Brazil
- **Simulation-Based Assessment of Fusion Integrity Between Dissimilar Materials in Bimetallic Castings**
Ravi Kishore Tiwari, MAGMA Engineering India Pvt. Ltd., India
- **New Developments and Their Impact on MAGMAsteel**
Fengxin Mao, Daniel Schmidt & Paul Rähmer, MAGMA GmbH, Germany

Die Casting (HPDC)

- **Thermal Simulation of HPDC Mold With MQS Lubrication**
Siddhant Thobhani, Bocar GmbH, Germany
- **Integrating Machine Learning Into MAGMASOFT® for Scrap Risk Assessment**
Çağatay Zadeoğlu, Kırpart Otomotiv San. ve Tic. A.S., Türkiye
- **Cost and Productivity Optimization Study of an HPDC Bracket**
Sefer Sezen, Can Metal Enjeksiyon Döküm San. ve Tic. A.S., Türkiye
- **Demonstrating the Competitive Advantage of Semi Solid Process: A Comparative Techno-Economic Case Study**
Yaswanth Reddy Annapureddy, MAGMA Engineering India Pvt. Ltd., India
- **Application of MAGMASOFT® in the Thixomolding Process for Magnesium Alloys**
Warren Wang, MAGMA Engineering (Ningbo) Co., Ltd, P.R. China
- **Stress & Heat Treatment**
Heinz-Jürgen Gaspers, MAGMA GmbH, Germany
- **Tips & Tricks – Squeezing, Auto-Eval's, Cooling Channel Assistant**
Guido Dietrich, MAGMA GmbH, Germany
- **DoE & Economics – Live Demo**
Guido Dietrich, MAGMA GmbH, Germany
- **Statistically Sound Prediction of Local Mechanical Properties in Die Casting**
Horst Bramann, MAGMA GmbH, Germany

MAGMAworkshops

Non-Ferrous Applications

(Permanent Mold/LPDC/Sand Casting)

- **Electromagnetic Melt Control in Permanent Mold Casting**
Martin Hackhofer, voestalpine High Performance Metals GmbH, Austria
- **Integration of MAGMA ECONOMICS in the Development Process Using MAGMASOFT® 6.1**
Americo Ramos, Saint Jean Industries SAS, France
- **Enhancing Casting Efficiency: A Dual Approach to Productivity and Design Optimization**
Nofri Hasanudin, PT. Akebono Brake Astra Indonesia, Indonesia
- **Productivity Up, Transitioning From Gravity to High-Pressure Die Casting**
Putri Florentyna, PT. Preformed Line Products Indonesia, Indonesia
- **Microstructure, Phases and Performance of Gravity Cast AISi10MnMg Alloys With Increased Impurity Content: Experiment and Simulation**
Anna-Kathrin Sulz, Fraunhofer IFAM, Germany
- **Investigation and Minimization of Heat Treatment-Induced Distortion Using MAGMASOFT®**
Fahrettin Aydemir, Döktaş AŞ Manisa, Türkiye
- **The Use of Simulation Tools in the Development of a Novel LPDC Machine Architecture**
Edmundo Oliveira, Fill Gesellschaft m.b.H., Austria
- **From Experience to Predictability: SOPAL's Transformation with MAGMASOFT®**
Fadi Mahdi, SOPAL, Tunisia
- **Correlation Between MAGMASOFT® Predictions and Industrial Observations of Hot Tearing and Residual Stresses in A356 Alloy Wheels**
Ümit Kutsal, Cevher Jant Sanayii Alloy Wheels, Türkiye
- **New Opportunities in Permanent Mold Casting**
Constantino Krafthöfer, MAGMA GmbH, Germany

Core Making Processes

- **FROM SIX TO ONE - Rethinking Complex Core Production Through Simulation-Driven Engineering**
Pablo Leonardo Horn, 4 Foundry Technology LTDA, Brazil
- **Efficiently Producing Large-Volume Cores**
Marco Krause & Daniel Smolny, Lahnwerk GmbH, Germany
- **Empirical Core Curing Studies to Upgrade Numerical Simulation Database for Improved Predictions**
Mohammed Shakeer Khan, TU Bergakademie Freiberg, Germany

Core Making Processes (Continued)

- **Inorganic Core Outgassing and Its Influence on Core Distortion**
Mauricio Velazquez Blandino, MAGMA Foundry Technologies Inc., USA
- **Tips & Tricks, Pressure Calculator**
Luboš Pavlák, MAGMA GmbH, Germany
- **How to Improve MAGMA C+M? – Future Developments**
Ingo Wagner, MAGMA GmbH, Germany

Continuous Casting

- **Optimization of a Six Strand Tundish for Improved Cleanliness in Long Steel Production**
Leandro Schöttler, Deutsche Edelstahlwerke Specialty Steel GmbH & Co. KG, Germany
- **Simulation-Driven Design of "Combo-Bag" Geometry using MAGMA CC**
Matija Arzenšek, Impol 2000, d. d., Slovenia
- **Continuous Compound Casting**
Julika Hoyer, UTG TU München, Germany
- **Improving Thermal Homogeneity in Billet Casting Molds Using an Insulating Patina Layer**
Alexander Beel, cunova GmbH, Germany
- **Simulating Thermally Induced Distortion in Continuous Cast Aluminium Billets Using MAGMASOFT®**
Chaitrali Panchal, TRIMET Aluminium SE, Germany
- **Creation of Filter Datasets for Filter Boxes in Continuous Casting Processes**
Felipe Cebukin, MAGMA Engenharia do Brasil Ltda., Brazil
- **Innovations in MAGMA CC: Advancing Continuous Casting Simulation**
Evgenii Shvydkii, MAGMA GmbH, Germany

All MAGMAworkshops

- **Tips & Tricks: Better Documentation of DoE Parameters**
Philipp Rheindorf, MAGMA GmbH, Germany

YOUR CONTACTS



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