UPDATED AGENDA

INTERNATIONAL MAGMA USER MEETING 2022

October 19-21, Munich, Germany

Wednesday, October 19, 2022

19:00 **MAGMAwelcome**

Thursday, October 20, 2022

08:30 Registration

09:00 **Welcome and User Presentations I**

10:30 Coffee Break

11:00 **User Presentations II**

12:30 Lunch

14:00 **MAGMAworkshops**

- Cast Iron
- Steel Casting
- Die Casting (HPDC)
- Non-Ferrous Applications (Permanent Mold/LPDC/Sand Casting)
- Core Making Processes
- Continuous Casting

Please choose one of our six workshops!

17:00 End of Day 1

19:00 **MAGMAevening**

Friday, October 21, 2022

08:30 **User Presentations III**

09:15 **The New MAGMASOFT® Version**

10:00 Coffee Break

10:30 **MAGMAforums**

- Geometry/Mesh & Optimization
- Result Assessment & Optimization
- Stress & Distortion
- Die Casting (HPDC)
- Cast Iron
- Steel Casting
- Non-Ferrous Applications
- Core Making Processes
- Continuous Casting Processes
- MAGMAacademy

12:30 **Your Future with MAGMASOFT®**

- **Ongoing MAGMA Research & Development**

13:15 Lunch

14:30 End of the User Meeting

Confirmed Speaker (Status 19 August 2022)

- **Klemen Prijanovic,** Additherm d.o.o., Slovenia, *Configurator for a Shot Chamber*
- **Okan Balci,** AS Celik Döküm Isleme San. ve Tic. A.Ş., Türkiye, *Succeeding Stressful Times in Asçelik*
- **Jochen Wendling**, BMW AG, Germany, *Simulation of Hot Distortion and Creep of 3D Printed Inorganic Sand Cores*
- **Samet Şahin**, Can Metal Enjeksiyon Dokum San. ve Tic.A.S., Türkiye, *Weight Reduction & Topology Optimization*
- **Anıl Gulec**, DEMİSAŞ Döküm Emaye Mamulleri Sanayi A.Ş., Türkiye, *Runner is not just for Filling*
- **Vinícius Úbeda da Rocha**, Dipromet, Chile, *Steel Casting Part Optimization and Method Development Using AUTONOMOUS ENGINEERING for a Printed Sand Mold Process*
- **Mert Çelikbilek**, Döktaş AŞ Manisa, Türkiye, *How to Use MAGMASOFT® as Project Target Contributor in LPDC*
- **Francesca Lago**, EnginSoft S.p.A., Italy, *Virtual Fluid Dynamic and Thermal Optimization Study of the Die and Production Process for a High-End Gear Motor Housing Component*
- **Christian Pittel**, Fraunhofer-Institut für Betriebsfestigkeit und Systemzuverlässigkeit LBF, Germany, *Benefits of the Simulation Results to Sampling for Cyclic Material Tests in DNAGuss*
- **Rune Hansen**, Frese Metal og Stålstøberi A/S, Denmark, *Core Box Design - Finding Guiding Principles Using MAGMA C+M*
- **Ali Khalil**, Hochschule Bonn Rhein-Sieg, Germany, *Casting Process Simulation in MAGMASOFT® and Loading Case Analysis in Ansys for a Planetary Carrier*
- **Çağatay Zadeoğlu**, Kirpart Otomotiv San. ve. Tic. A.S., Türkiye, *Conformal Cooling and Heat Balancing of the Dies*
- **Joern Schmidt**, MAGMA Engenharia do Brasil Ltda., Brazil, *Reduction of Resin and Amine Consumption, Short Cycle Time*
- **Jake Edwards**, Maxima Eng. & Software Services Ltd., Great Britian, *MAGMAstress Setting up Deformable Jigs and Fixtures for the Heat Treatment Process*
- **Emilia Battaglia**, Meccanica Cainelli S.r.l., Italy, *The Impact of Automatic Design Optimization on the Preliminary Evaluation of the Correlations Between HPDC Parameters and Casting Quality*
- **Erhard Kaschnitz**, ÖGI - Österreichisches Gießerei Institut, Austria, *Optimized Core Shooting for a Motorcycle Suspension Casting*
- **Yücel Aydoğan**, Pinar Döküm Sanayi ve Ticaret A.S., Türkiye, *Getting Rid of Hot Tears by Correct Runner Design Selection*
- **Nofri Hasanudin**, PT. Akebono Brake Astra Indonesia, Indonesia, *Nonferrous: Fe Content will Increase from 0.3% to 0.4%*
- **Volkan Nesiboglu**, Trakya Döküm San. ve Tic. A.S., Türkiye, *From Horizontal to Vertical Line with Confidence*
- **Sebastian Krischke**, TU Braunschweig, IFS , Germany, *Optimization of the Shot Curve to Improve the Weldability of High Pressure Die Cast Components*
- **Alberto Vergnano**, University of Modena and Reggio Emilia, Italy, *A Method for Yield and Cycle Time Improvements in Al Alloy Castings Using Enhanced Conductivity Steel for Die Construction*
- **Van Viet Nguyen**, Vestas Wind Systems A/S, Denmark, *Integration of MAGMASOFT® for Design of Cast Iron Component for WIND*