

## Questions:

If you have questions regarding any of the seminars or workshops described in this schedule, please contact:

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## Fee Structure:

### Optimization Workshops:

Participation fees for MAGMAacademy Workshops are \$1,900 for customers and \$2,350 for non-customers. The fee includes materials and lunches.

\* A minimum of 8 attendees must register for the workshop to be held. Maximum capacity is 12.

### Seminars:

Participation fees for any of the MAGMAacademy Seminars are \$500.00. The fee includes materials and meals.

\* A minimum of 8 attendees must register for the seminars to be held. Maximum capacity is 20.

**SPECIAL NOTE: For all MAGMAacademy seminars, each confirmed and paid attending company may have one additional employee attend for free.**

*Photographs or videos taken at MAGMA events may be used on the MAGMA website and in MAGMA promotional materials.*

## Registration Procedure:

If you would like to register for any of the seminars or workshops in this schedule, please go to the MAGMAacademy section of our website.

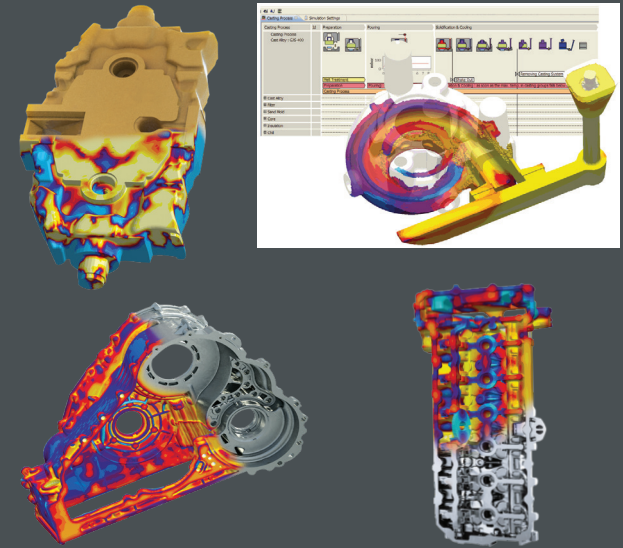
[magma-soft.com](http://magma-soft.com)



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# 2018 MAGMAacademy Workshop & Seminar Schedule

**YOU ARE INVITED TO JOIN US!**

**CUSTOMERS OR  
NON-CUSTOMERS**



The Workshop and Seminars are open to anyone who is interested, including, but not limited to:

Process Engineers  
Quality Engineers  
Management  
Metallurgists  
Pattern Engineers  
Tooling Engineers  
Sales & Marketing  
New hires, and more

## Optimization Workshops

Workshops are a combination of lecture based seminars paired with hands-on learning. The workshop experience varies depending on the class and may utilize facilities such as computer labs, metallography labs or even pouring metal at a foundry. This workshop was created specifically for the fully trained direct software user. The purpose of this workshop is to aid users in more efficient application of the Autonomous Optimization tools and methods. Some time may be spent reviewing concepts and techniques that were covered in brevity in the earlier trainings, but the primary purpose is to aid users in understanding how they can apply Autonomous Optimization for efficiency in all project work. Time will be spent on more advanced concepts and techniques that were not provided in update trainings or in Level 1 & 2 coursework. Users will be provided a dedicated workstation and prepared projects for use in the class.

**Optimization Application Workshop - HPDC**  
*February 6-8, 2018 and July 24-26, 2018*

**Optimization Application Workshop - Iron**  
*August 8-10, 2018*

**Optimization Application Workshop**  
*Non-Ferrous November 7-9, 2018*

# 2018 MAGMAacademy Events Schedule

MAGMA Foundry Technologies, Inc.  
Seminars and Workshops

## Seminars

### March 2018:

#### **Non-Ferrous - Root Cause Defects** *March 28-29, 2018*

This seminar will help the attendees to define casting defects and the root causes behind them. Attendees will have the opportunity to bring in a casting defect for discussion.

### April 2018:

#### **C+M Design & Optimization** *April 18-19, 2018*

This seminar will show attendees how factors like tooling, sand characteristics, shooting, blowing and venting influence the quality of sand cores, and in turn, influence the quality of metal castings. Beginning with an explanation of core box design practice and how Autonomous Optimization can be applied in different tooling development scenarios.

### May 2018:

#### **HPDC - Root Cause Defects** *May 2-3, 2018*

This seminar will help the attendees to define casting defects and the root causes behind them. Attendees will have the opportunity to bring in a casting defect for discussion.

### June 2018:

#### **Steel Gating Design Principles** *June 13-14, 2018*

This course will review relevant research related to defect formation during mold filling and will demonstrate how these research findings relate to MAGMASOFT® simulation results. Common gating design practices will be discussed and evaluated according to the relevant research findings and simulation results. Case studies will be reviewed to highlight both effective and ineffective gating design practices. This course is ideal for anyone that is designing gating systems, providing input into gating system design or anyone that would like to better understand mold filling defects and how to avoid the conditions that cause them to occur.

### October 2018:

#### **Iron - Root Cause Defects** *October 3-4, 2018*

This seminar will help the attendees to define casting defects and the root causes behind them. Attendees will have the opportunity to bring in a casting defect for discussion.

### November 2018:

#### **HPDC - MAGMASOFT® Overview and Results** *November 14-15, 2018*

This seminar is ideal for those who view results or have some exposure to MAGMASOFT®, but do not need to know how to actually operate the software. This program will cover an overview of the different parts of the software and what information the software user needs to have in order to correctly set up a simulation or optimization.

