

# Casting Defect Analysis

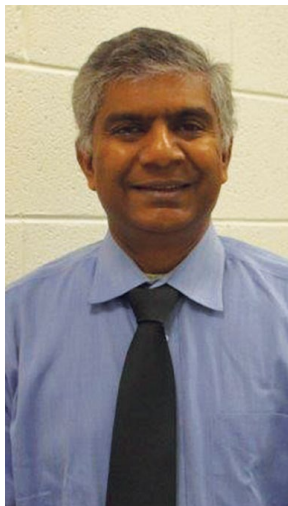
Sponsored by the Southern California AFS Chapter



**April 3-4 | DoubleTree by Hilton | Santa Anna, CA**

This course provides skill development for participants to become proficient in applying a 10-step procedure to analyze and reduce metalcasting defects by correctly identifying them and their root causes and determining the appropriate corrective actions. This course is applicable to sand molding processes (green, nobake, coldbox, shell).

## Course Instructors:



**Dr. Sudesh Kannan**

*Co Power LLC*

Dr. Sudesh Kannan helps foundries reduce their casting scrap and rework rates to improve their profitability. With over 20 years of global foundry support, Kannan has helped businesses generate new products and services and tackled commercialization challenges of new technologies. He has authored over 25 technical papers, conference publications, and has been printed in *Modern Casting* and *AFS Transactions*.



**Patrick Kluesner**

*Consultant*

Patrick Kluesner, who graduated with a Bachelor of Science degree in Industrial Technology Management from the University of Wisconsin-Platteville, served as a Training Engineer at MAGMA. He taught basic and advanced simulation techniques, with an emphasis on HPDC and Sand Casting. When not teaching, he was also responsible for creating content for seminars, webinars, and online tutorials for defect analysis and resolution.

For the full course list, please visit [www.afsinc.org/instructor-led-training](http://www.afsinc.org/instructor-led-training)

# AFS Institute 2019 Course Schedule

The **AFS Institute** offers practical courses on all metalcasting processes, materials and disciplines. Courses are hosted at AFS headquarters, within plants, and at other venues across North America. Since 1957, the Institute has trained more than 90,000 students in the metalcasting industry.

Please select all classes you would like to attend and write the total in the space provided below.

\_\_\_\_\_

Total

Class:	Location:	Dates:	List Price:	Member Price:
Green Sand Molding 201	Schaumburg, IL	3/5-3/6	<input type="checkbox"/> \$1,350	<input type="checkbox"/> \$1,150
Iron Metallurgy 201	Schaumburg, IL	3/12-3/13	<input type="checkbox"/> \$1,350	<input type="checkbox"/> \$1,150
Aluminum Metallurgy 201	Schaumburg, IL	3/19-3/20	<input type="checkbox"/> \$1,350	<input type="checkbox"/> \$1,150
Casting Defect Analysis	Santa Ana, IL	4/3-4/4	<input type="checkbox"/> \$1,350	<input type="checkbox"/> \$1,150
Casting Defect Analysis	Chattanooga, TN	5/7-5/8	<input type="checkbox"/> \$1,350	<input type="checkbox"/> \$1,150
Gating and Riser Design 101	Schaumburg, IL	5/22-5/23	<input type="checkbox"/> \$1,250	<input type="checkbox"/> \$1,050
Casting Design	Schaumburg, IL	6/12-6/13	<input type="checkbox"/> \$1,350	<input type="checkbox"/> \$1,150
Introduction to Metalcasting	Schaumburg, IL	7/17-7/18	<input type="checkbox"/> \$1,250	<input type="checkbox"/> \$1,050
Gating & Riser Design 201	Schaumburg, IL	8/7-8/8	<input type="checkbox"/> \$1,350	<input type="checkbox"/> \$1,150
Casting Cost Estimating	Schaumburg, IL	9/18-9/19	<input type="checkbox"/> \$1,350	<input type="checkbox"/> \$1,150

## Student Information

Student's Name

Company

Corporate Member Number

Address

City/State/Prov

Zip

Telephone

Email

## Payment Information

Check Enclosed (U.S. Funds Only)

Charge To:

American Express

Mastercard

Visa

The following information is required to charge your subscription:

Cardholder Name

Email

Account No.

Exp. Date

Security Code

Signature

Date

*Return completed application with payment to:*

**American Foundry Society**

35169 Eagle Way Chicago, IL 60678-1351

Telephone: 847-824-0181 | 800-537-4237

Fax: 847-824-7848

Web: [www.afsinc.org](http://www.afsinc.org)

## Cancellation/Substitution policy:

Substitute students will be accepted at any time. However, cancellations of confirmed registrants with full refund cannot be accepted unless received three weeks prior to the first day of the class. After that time, refunds cannot be given. Transferring your registration to a future course will incur a \$50 transfer fee. In the event a course is cancelled for any reason, AFS Institute liability is limited to the return of the registration fee.



ADVOCATE. EDUCATE. INNOVATE.