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November 2013
ASM-AFS Joint Technical Meeting
Monday, Nov 18



Developing New Technology in Steel Castings

Raymond W. Monroe

Executive Vice President
Steel Founders' Society of America

Date: Monday, Nov. 18, 2013

Location: Barrack's Cater Inn, 1224 W. Pioneer Parkway, Peoria, IL 61615

4:30pm Check-in/Social Hour

5:30pm Dinner

6:30pm Technical presentation

Free Parking is available. The cost of the dinner is subsidized and will be \$18 at the door (\$0 students) for ASM-AFS members, \$24 for other attendees (\$7 non-member students). **RSVP to Michael A. Adashek (Adashek.Michael.A@cat.com) or 309.578.1974) by 11/13/2013.**

Abstract:

Steel castings are often seen as an old technology suitable for legacy applications but being replaced by other processes and materials. Steel alloy development is developing higher strength, lighter-weight steel alloys. New approaches to NDE will integrate with design and allow more daring, higher performance steel cast components. New process developments will make steel castings more valuable and more capable for advanced designs.

Speaker:

Raymond W. Monroe joined the Steel Founders' Society of America SFSA as Executive Vice President on April 1, 1988. Prior experience includes working for Saturn Corporation in lost foam, managing research for SFSA, conducting research at SRI, and interning at NASA. He holds a B.S. in Chemical Engineering from Auburn University and received his M.S. in Engineering Science from the University of Alabama (Birmingham) in 1980.

Raymond has been on the Board of the Cast Metals Coalition since 1989. Cast Metals Coalition is a partnership with the U.S. Department of Energy. He is on the Alliance for Materials Manufacturing Excellence (AMMEX) representing the energy intensive industries in developing public policy in Washington, DC. He is also on the Board of the American Metalcasting Consortium since 1992. This is a partnership with the U.S. Defense Logistics Agency, U.S. Department of Defense. He serves as a panelist for the Joint Defense Manufacturing Technology Panel- Metals Sub-panel. He serves on the industrial advisory board for trade in ferrous materials (ITAC 12) for the Department of Commerce.

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