

THE WAVEFORM



The Newsletter of **SME Colorado**
Society of Manufacturing Engineers
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Additive Manufacturing - State of the Industry

Tuesday, September 20, 2011

**[See Meeting Details On
 Bulletin Board, page 3](#)**

Six years ago we were privileged to hear from Terry Wohlers, SME Fellow, member of Chapter 354, and one of the world's foremost authorities on Additive Manufacturing. In a nutshell, Additive manufacturing refers to a group of technologies



used for building physical models, prototypes, tooling components, and even finished production parts directly from a digital file. Unlike CNC machine tools, which are subtractive in nature, additive systems join together liquid, powder, or sheet materials to form parts that may be impossible to

fabricate by any other method. A lot has happened since 2006 with many advances in both materials and equipment. So much so that it's well worth bringing Terry back for a return engagement. Terry Wohlers is president of Wohlert's Associates, Inc., an independent consulting firm he founded 25 years ago.

The company provides technical and strategic consulting on new developments and trends in rapid product development and additive manufacturing. Through this company, Terry has provided consulting assistance to more than 170 organizations in 23 countries and authored 375 books, articles, and technical papers. In 2007, more than 1,000 industry professionals from around the world selected him as the #1 most influential person in rapid product development and

additive manufacturing. Because Additive Manufacturing supports virtually every industry, including, medical products,



aerospace, automotive, chemical and materials, computers, defense, and consumer products, this presentation will appeal to virtually everyone. Come join us as we learn about the latest developments in this fascinating field.

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*** SME 354 September Bulletin Board ***

Monthly Meeting

Additive Fabrication State of the Industry
By Terry Wohlers, FSME

Perkins Restaurant

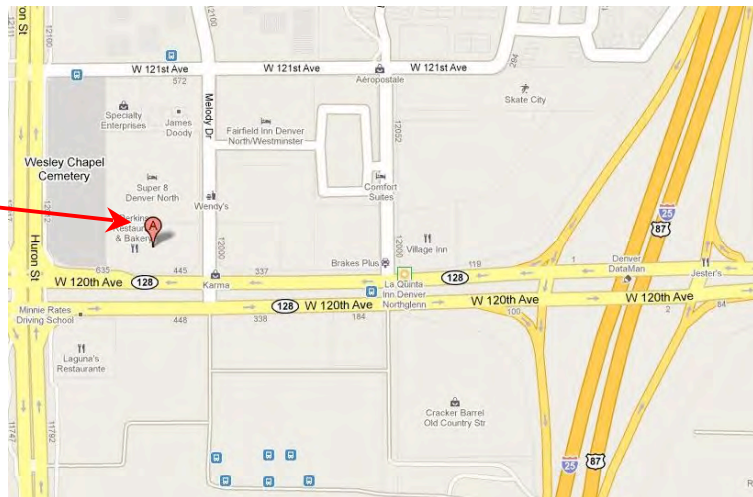
12015 Melody Drive Westminster, CO

Date: TUESDAY, September 20, 2011
Time: 5:30 – 6:30 Executive Committee Meeting, for chapter officers only
6:00 – 6:30 Social/networking time, cash bar available
6:30 – 7:30 Chapter Business and Dinner
7:30 **Presentation by Terry Wohlers**

Please make reservations. Bring your Friends! Reservations accepted through Friday, Sep. 16.
Place reservations with **Chuck Otoupalik: 303-678-8414, chucko_17@msn.com**

Event Price: SME Members - \$15
Non-Members - \$20
Seniors(60+)/Students/Unemployed - \$10
Cash or check only

Perkins Restaurant is at 12015 Melody Drive in Westminster, near the interchange of I-25 and 120th Avenue.



Coming Events, Save These Dates

October 18	Plant Tour
November 15	Technical Presentation
December 13	Holiday Banquet

We're always trying to bring interesting and relevant events to our members. If you have suggestions, please contact Don Larsen: 720-244-1396, programs@sme354.org.