



## **Dimensional Management**

**Join us on September 17 at ProSource, Inc. in Waltham, MA for this educational presentation!**

Dimensional management is an important part of a product's complete quality strategy. While it can be described and segmented in many ways, we present it as six key components. They are: advanced requirement planning, 2D and 3D communication tools, tolerance analysis and sensitivities, the quality plan, inspection and metrology, and gages and fixtures. This presentation will touch all six areas but will focus on 2D and 3D communication tools and tolerance analysis and how they can assist the design engineer through the stages of the product life cycle. Real examples will be discussed throughout.

### **Keynote Speaker ~ Bert Uschold**

Bert Uschold is a principal mechanical engineer with 20 years experience in product development. His experience includes medical device development at Ethicon Endo-Surgery and Becton Dickinson. While working for Radius Product Development, he complimented additional medical device development with consumer products and consumer electronics projects. He is the founder of Dexterity Engineering Solutions in Leominster, MA, where he provides contract product development and tolerance analysis services. Bert is the creator of the Powerstaxx™ tolerance analysis spreadsheet, an Excel based tool that associatively manages stack ups and helps the team throughout the product life cycle. His skills include plastic part design, GDT and tolerance analysis, Pro/Engineer and Solidworks, and FMEA. Bert recognizes that working closely with all members of a product development team, from research to manufacturing, is critical to success. In this team environment, Bert excels at balancing each team member's needs and ideas and incorporating them into superior and easy to manufacture designs.

### **Schedule**

- 6:00 - 6:30 Registration & Dinner
- 6:30 - 8:00 Main Presentation

## **Pricing**

- Member: \$25.00
- Non Member: \$30.00
- Student: \$15.00

## **Location**

ProSource, Inc

303 Wyman Street  
Waltham, MA 02451

**IMPORTANT NOTE: This is the new address for ProSource – They moved recently, and the address listed on their website is no longer correct!**

**To register, please send an email with the number of attendees and contact information to [asme@camihq.com](mailto:asme@camihq.com). Attendance is limited, so RSVP today!**

**Payment will be collected onsite at the door, cash only.**

**For questions, please call 781-647-7004.**

Directions:

From I-95 North: Take Exit 27B, Totten Pond Rd/Winter St exit. Turn left at the light onto Wyman Street. Follow the signs to #303.

From I-95 South: Take Exit 27A, Totten Pond Rd/Third Ave exit. Cut across to the left lane and turn left at the light onto Wyman. Follow the signs to #303.

Go to cafeteria on the lower floor of the building.