

ASME Professional Development Seminar

"DESIGN OPTIMIZATION"

Metin Ozen, President and CEO, Ozen Engineering Inc Scott Bur, Six Sigma Master Black Belt, Hubenthal Burr Associates, LLC

Location: Santa Clara, CA
Saturday, June 6, 2009
7 am - 2 pm Hawaii Time
8 am - 3 pm Alaska Time
9 am - 4 pm Pacific Time
10 am - 5 pm Mountain Time
11 am - 6 pm Central Time
12 Noon - 7 pm Eastern Time

ASME or SVEC member: \$50 per person
Non-Member: \$69 per person
Student, Unemployed, Sponsor or Retired Member: \$30

ATTEND IN-PERSON or BY WEBINAR

ABSTRACT

You will see the many sides of optimization as a sample of applications are presented including the use of Finite Element Analysis, Genetic Algorithms, Monte Carlo Analysis, Design of Experiments, Robust Design Optimization and even a conceptual, non-computational approach that has been as or more effective than traditional numerical approaches.

PARTICIPANTS WILL RECEIVE:

.. Open source Monte Carlo Analysis plug-in for Excel (2003/2007) .. Open source Genetic Algorithm for Excel (2003/2007)

YOU WILL LEARN.

.. Use of Finite Element Analysis for Optimization (ANSYS software demo) .. Principles and application of Robust Design Optimization .. Use of Genetic Algorithms in excel (Evolver & open source plug-in demo)
.. Basics and Use of Monte Carlo Analysis (open source plug-in demo) .. Basics of Designed Experiments (DOE) (ANSYS & Minitab demo) .. Non-computational methods to Optimization for Conceptual Development .. Cross comparison of techniques: how they differ and relate to each other

WHO SHOULD ATTEND: Professionals responsible for Optimization, Design Engineers, Mechanical Engineers, Electrical Engineers, Consultants, Manufacturing Engineers, Users of Finite Element Software, Mechanical Engineering Supervisors, Unemployed Engineers and Technical Engineering Supervisors & Managers.

REGISTER & PAY NOW .. Acteva (Credit Card Service):

<http://www.acteva.com/go/asmescvs>

.. Mail-in form w/ Check/Money Order - must be received on day prior to event

CONTACT REGISTRAR

.. Email Registrar: pangy1@asme.org

.. Call Registrar, Ying Pang:

(408) 679-5402

Send payment to: ASME SCVS, P.O. Box 611865, San Jose, CA 95161-1865 Payment must be received prior to the seminar & is not accepted at the door.

Design Optimization

Name _____ Company _____

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_____ _ Attend in Person Attend online I can provide proof of membership

(Circle one) Yes No I eat vegetarian when it is provided (Circle one) Yes No
