

From the Desk of JACK CHAMPAIGNE...

OOPS!! The last issue of the Shot Peener contained a VERY informative article, "An Explanation of the Mechanism and Benefits of Shot Peening". Due to an unfortunate oversight, proper credit was not given to the author, Douglas Earl, of 3-M Company, St. Paul, MN.
SORRY...

Vacation Time!! Thanks to all the contributing writers in recent issues of The Shot Peener. I almost feel like I've been on vacation! Seriously, this publication has really benefited from the expertise of others who have taken the time to put the pen to paper. Let's keep those articles coming. Thanks!

Contest Update... A contest to increase the size of The Shot Peener library was announced in the Winter, 1991 issue. Response has not been overwhelming, so I thought a reminder would be appropriate. The Shot Peener library currently contains approximately 1500 articles. Your assignment, should you wish to participate, is to submit hard copies of articles relating to shot peening, surface finishing, fatigue, etc. Each NEW article submitted (and accepted) to the library will earn one (1) point. Articles will be accepted through December 2, 1991. The first place prize is \$780; second place \$330 and third place \$70. FAX us a list of articles you have on file. The list will be reviewed and you will be notified of your "point status". If you have any questions, just give me a call.

From the Real World... I just came back from a machine run-off for LTV at BCP Atlanta. It was one of the smoothest I've seen. It was a 12-wheel PRC controlled machine without a floor pit. For more info, call Barry Selack at BCP (phone: 404/751-0003) or Doug Bryan at LTV (phone: 214/266-3970).

Contributions of material to THE SHOT PEENER are always welcome... announcements of seminars, newsletters, application notes, joint efforts, etc. We'll be glad to mention your project in this newsletter.

A TWO-DAY SHORT COURSE ON SHOT-PEENING: THEORY & APPLICATIONS

October 24th and 25th, 1991

by

Dr. Shaker A. Meguid

- Topics:**
- Introduction to the Theory of Plasticity
 - Contact Mechanics and Co-Indentation Studies: Relevance to Incomplete Peening Coverage and Coverage Measurement
 - Mechanically Induced Residual Stresses: Source, Modeling, Effect, Measurement Techniques and Relaxation
 - Fatigue and Fracture in the Presence of Residual Stresses
 - Stress Corrosion Cracking in the Presence of Residual Stresses
 - Mechanics of the Shot-Peening and Peen-Forming Processes: Parameters Affecting Performance and Their Control
 - Equipment: Design, Selection and Maintenance
 - Automation and Computer Controlled Equipment
 - Media: Selection, Testing and Control
 - Industrial Applications: Current and Emerging Technologies

For Further Information, Contact:

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