

From the desk of... Jack Champaigne

○ **Congratulations to Dr. Ru Jilai** from Beijing, China on his acceptance as a visiting scholar at Purdue University. Dr. Ru will be studying under Dr. Ben Hillberry in the Mechanical Engineering School from February 2001 through January 31, 2002. The area of study will concentrate on residual stresses with emphasis on shot peening. This will be a tremendous boost to the shot peening center recently established at Purdue in the school of Mechanical Engineering Technology under the guidance of Professor Christine Corum. For more information visit the Shot Peening Universe web page at <http://www.shotpeener.com>

○ **The shot peening machine donated by Progressive Technologies** has arrived at Purdue. Images are at the web site showing its installation. Contact Professor Corum for details on having Purdue assist you on your shot peening projects.

○ **The location of the Annual Workshop for 2001** has been set at Adam's Mark Hotel in San Antonio, TX. Registration information and application forms are posted on the web page. We had 167 students in Colorado Springs and expect a bigger group in San Antonio. Register early to assure your spot in the classroom.

○ **Electronics Inc. now offers step calibration blocks** for the Almen gages. These blocks are certified traceable to NIST in either English or Metric sizes. The step blocks are designed to be used with the Almen gage without having to dismount the indicator from the base making a full-scale and linearity check easy. The block is designed to work from one surface for both zero-set and value-check and thus achieves a very high degree of precision. U. S. Patent No. 5,780,714 describes the function in more detail. A curved Almen gage calibration block, capable of detecting ball wear errors, will be available during the first quarter of 2001. Electronics Inc. has partnered with NIST to develop the new curve block standard and will present a full calibration procedure for the gage.

○ **Dr. John Cammett has migrated back to Cincinnati, OH** and now hangs his hat at Lambda Research, world leader in X-ray stress analysis for shot peened surfaces. Paul Prevey, President of Lambda, has offered Dr. Cammett's services to Electronics Inc for training during the year in our on-site training program. Dr. Cammett has been a featured speaker at all ten our annual workshops and continues to be the most popular speaker on the program. (Just don't ask him about that frog costume - i.e. see it on the web page).

○ **Special thanks to Metal Improvement** for their contributions of technical material included in our presentation of "Shot Peening Overview" located at <http://www.shotpeener.com/learning/>.

○ **Be sure to visit Shotpeening.org** for information on the next International Conference on Shot Peening. Professor Lothar Wagner, Shot Peener of the Year recipient for 2000, is chairman. Dates for call for papers and manuscript submissions are listed.

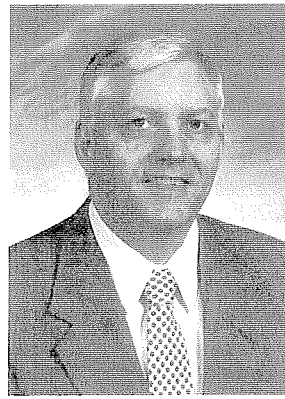
○ **New faces at Electronics Inc.**

Tom Brickley - General Manager
Scott Johnson - Production Manager
Gerrie Wedel - Reception
Ruth Roach - Controller
Jeremy Morrison - Sales/Customer Service
Holly Potter - Quality Manager
Dave Barkley - Manufacturing Engineering

○ **The annual Buyer's Guide** is scheduled to be published in January. If you missed the deadline for submitting your company for the printed version you can still submit the information for the web version "Buyer's Guide". Visit the web page for more details.

○ **State of the Economy:** If the traffic at Electronics Inc. is a valid measurement tool, everyone must be near capacity or overloaded. We have had to add temporary help in the shipping department to keep up with demand. All of the OEM's we deal with appear to be very busy and NO ONE is talking slow down or recession. Besides, we're too busy to take time to talk about a slow-down. If there is a recession we'll have to catch the next one, we're too busy to participate in this one. Sorry.

○ **We hope that all of you have a safe and happy holiday season. May health and prosperity be your constant companions.**



Letters to the Editor

Jack Champaigne
Editor of *The Shot Peener*

Dear Mr. Champaigne:

I am looking for any data I can find comparing high strength steel parts shot peened at both ambient and elevated temperatures. I would greatly appreciate anything you can share.

Robert Stone

rstonemwi@netusa1.net

NPD Manager, Logansport, IN

Dear Robert:

Visit the Library at our web site and use the Excite search engine (local search) and search for the following article numbers:

1945000 1985032

1993063 1993075

1999015 1999021

These were found by searching for "temperature".

Sincerely,

Jack Champaigne

Dear Mr. Champaigne:

We are the largest manufacturers of brake linings and disc pads in India for auto and railroads. We are looking for an automatic shot blasting machine for preparation of backplates used for disc pads (brake pads). We are looking for a continuous system which can handle something like 1000 to 2000 plates per hour. Let us know if you have supplied similar systems for the same application mentioned above. Please send your mail to: rblchennai@satyam.net.in

Thanks,

Dr. Sreeram Srinivasan

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Editor's Note: These letters were sent to me via **LETTERS ON LINE** at shotpeener.com. To send a "Letter to the Editor" online, just go to our web site at www.shotpeener.com—directions will be provided.