

Notes From Tokyo

I WROTE THIS ARTICLE while in Japan for the Eleventh Annual Shot Peening Seminar at Meiji University, Tokyo in February. As you will see, some of these topics relate to this *Shot Peener* magazine, some relate to the people I talked with during the seminar, and some have to do with the industry in general.

Congratulations

Congratulations to Professor Dr. Martin Lévesque for his recent inauguration into the International Scientific Committee for Shot Peening. Professor Lévesque teaches at Polytechnique Montréal and he is the host and chairman of the next International Conference on Shot Peening (ICSP-13) September 18-21, 2017 in Montreal.

Congratulations to Fred Blackman as he celebrates his 50th year at Peening Technologies. Fred has led an impressive career at Peening Technologies and has made a significant contribution to the company. Low turnover is a sign of a healthy organization and Peening Technologies should be proud of Fred's longevity. Three other employees have been with the company 40 or more years.

Professor Dr. Helmut Wohlfahrt

I'm sad to share the news of the passing of a dear friend and colleague, Professor Dr. Helmut Wohlfahrt. He passed away on Feb 2, 2017. Professor Wohlfahrt taught for many years at the Technical University of Braunschweig and was one of the founding members of the International Scientific Committee for Shot Peening. He was awarded the *Shot Peener of the Year* award in 2005 for his work on coordinating and guiding the growth of the triennial International Conferences on Shot Peening.

Product Announcements

Sintokogio of Nagoya, Japan is introducing a robotic manipulator for automatic surface stress measurements using X-Ray technology. Watch for more information in future issues of *The Shot Peener*.

Saint Gobain is announcing a high-density ceramic bead called Zirshot HDC for peening in the mid- to high-"A" intensity ranges. The material has a density of 210 pounds per cubic foot which is 30% denser than standard Zirshot ceramic beads. North American sales manager Jeff Girman of Saint-Gobain said that Zirshot HDC will provide a deeper level of compressive stress with an excellent surface finish and no iron contamination.

Read about the new web-based PeenSolver Web App from Electronics Inc. on page 22. Dave Barkley, EI Shot Peening Training Director, spearheaded the development of this product. The Peen Solver calculates peening intensity as defined in SAE J443. It evolved from the Almen Saturation Curve Solver spreadsheet program developed by Dr. David Kirk and used worldwide. Like Dr. Kirk's program, it generates a fitted curve through the given data points. Then, using the corrected arc heights from the curve, it locates the one arc height that increases by 10% for the doubling of exposure time. This arc height is the intensity value.

PeenSolver is available at www.peensolver.com. Dr. Kirk's Excel versions of his Almen Saturation Curve Solver Program and Peening Coverage Predictor Program are available at www.shotpeener.com. ●



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Electronics Inc.

For a free subscription of the *The Shot Peener*, go to www.theshotpeenermagazine.com

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