A review of the 2003 European Shot Peening Workshop

The first annual European Shot Peening workshop was a successful educational and networking event for the attendees, sponsors, instructors and exhibitors.

Attendees represented a wide range of peening knowledge and experience. Most of the attendees work in the aerospace, automotive, machinery fields, and were from Belgium, Denmark, France, Germany, Holland, Italy, Norway, Portugal, Spain, Sweden, and the Netherlands, United Kingdom, and the United States.

While many of the attendees were engineers and supervisors, more than half took the Level I shot peening workshop exam and 35% of the attendees took their Level III exam. To pass the exams, students must demonstrate shop practice competence and an understanding of the shot peening process.

There was a high level of interaction between the attendees and instructors; the attendees and exhibitors and the attendees themselves. The workshop offers a unique opportunity to share ideas and experiences with colleagues from many different backgrounds.

Watch the Shot Peening Universe website for information on the 2004 European Shot Peening workshop—we will be announcing the dates and location soon (www.shotpeening.com).

Thank you to all of our attendees, sponsors, instructors and exhibitors. We look forward to seeing you again next year for another successful workshop.

Nyhavn by night. With its cafes and fishing boats, the picturesque canal wharf of Nyhavn is one of Copenhagen’s most popular outdoor meeting places. Photograph: Coos van Boeden.
The 2003 European Shot Peening Workshop
Copenhagen, Denmark • May 26 & 27

Dr. John Cammett was one of the workshop instructors. His academic background and practical experience in military shot peening is invaluable to workshop attendees.

Margarett Hodenberg and Ulrich Krampe at the Haver & Boecker booth.

Erik Pandrup, Engineer and Sales Manager with SONNIMAX A-S, makes a presentation on his company's innovative web-based service program.

Richard Holcroft is the Technical/Sales Manager for Ervin Industries. Ervin markets shot in the US and throughout Europe.

Attendees in front of the FORCE booth. FORCE Technology is one of Europe's largest knowledge and technology-based service providers.

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Material covered at the workshop ranged from shot peening theory to practical applications in helicopters, jets and boats. Dr. Volker Schulze challenged students to consider a new shot peening process during the presentation of his paper on the experimental work involving warm and stress peening of steels. The workshop instructors were:

Dr. John Cammett, US Navy
Jack Champaigne, Electronics Inc.
Dr. Volker Schulze, University of Kalsruhe
Erik Pandrup, SONNIMAX A-S
Yves Le Guernic, Metal Improvement Company
Marquardt v. Hodenberg, Haver & Boecker
Hans Peter Nielson, FORCE Technology

The classes covered Shot Peening Theory, Applications, Intensity, Saturation Curve Practice, Coverage and Masking, Media, Inspections and Audits, Overview of Shot Peening, Customer Service, Job Shop Processing, Dynamic Image Particle Characterization and Shot Peening of Aluminum Alloys.

Comments from workshop attendees:

"Every time I think that I know everything there is to know about shot peening, I learn something new." (A comment on Dr. Schulze's presentation on warm and stress peening of steels)

"I'd like to have my colleagues and staff receive this training."

"I will very much provide you with my comments on the workshop. Jack (Champaigne) mentioned that the best feedback is the negative, which can be used for future improvements. It is hard for me to find any relevant comments of this kind. As a beginner in this technical field, I was very satisfied with the topics and level. So again, I am sorry that I can not provide any negative comments."

"Thank you for the interesting and informative workshop in Copenhagen."

"It was my first workshop and I am very satisfied. I give my report Very Good for all of it."

"Can you provide this kind of training at our location?" (Yes, contact Electronics Inc. for more information. Call (574) 256-3001 or visit www.shopteener.com.)

"When and where is your next workshop?" (Our next workshop will be in the spring of 2004. Watch the Shot Peening Universe web site at www.shopteener.com for the dates and location.)