

# 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 and medical fields and were from Belgium, Denmark, France, Germany, Holland, Italy, Norway, Portugal, Spain, Sweden, 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 one attendee took the Level II 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 web site for information on the 2004 European Shot Peening workshop — we will be announcing the dates and location soon. ([www.shotpeener.com](http://www.shotpeener.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.

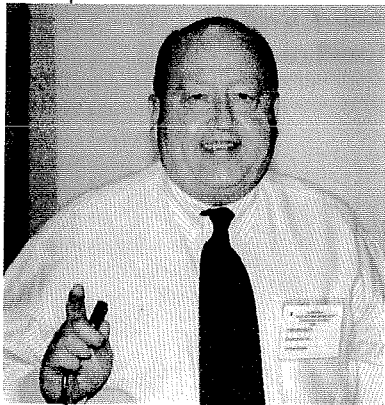
**Nyhavn by night. With its cafes and fishing boats, the picturesque canal wharf of Nyhavn is one of Copenhagen's most popular outdoor meeting places.**

Photographer: Cees van Roeden



# 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.*

**Sponsors:**  
 CBC Ytfinish  
 Electronics Incorporated  
 FORCE Technology  
 G & L Beijers  
 SONNIMAX A-S



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

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*Marquardt 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.*



*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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## Workshop Topics & Instructors

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.



Exhibitors, Marco Klijsen and AWM Gielen with Straaltechniek International, take a break between sessions. Straaltechniek is a world leader in blasting and shot peening equipment.



Marquardt Hodenberg with Haver & Boecker and Dr. Volker Schulze. (University of Kalsruhe, Germany)



The workshop is a unique opportunity to socialize and share ideas with work colleagues in diverse fields.



Yves Le Guernic, Metal Improvement Company, with Tom Brickley at the Electronics Inc. booth.



The SONNIMAX A-S booth. SONNIMAX services wheel and airblast equipment.

**SONNIMAX A-S**



Jack Champaigne, Electronics Inc., and Ulrich Krampe. Krampe Strahltechnik GmbH is a specialist manufacturer for abrasives and a European leader in steel cut wire shot.

**krampe**

### 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 I 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)256-5001 or visit [www.shotpeener.com](http://www.shotpeener.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.shotpeener.com](http://www.shotpeener.com) for the dates and location.)