

The 2021 East European Seminar/Workshop

Sponsored by EI Shot Peening Training, KrampeHarex, sentenso GmbH, and strahlportal

ANNOUNCING the first shot peening training seminar and workshop to be held in the Czech Republic. This three-day training event is based on SAE specifications and it will cover all aspects of shot peening including techniques and applications. The program will be presented in English. Professional instructors will explain how to do the process correctly, how to make needed adjustments, and how to perform inspections.

TRAINING TOPICS

This event will include the core FAA peening courses developed by EI Shot Peening Training, plus bonus lectures and shop training by sentenso GmbH.

- Shot Peening Introduction
- Peening Media
- Peening Intensity and Masking
- Peening Coverage
- Saturation Curve Generation
- Shot Peening Applications
- Durability and Energy Transmission
- Peening Media Inspection and Maintenance
- Particle Size and Shape Analysis (shop training)
- Basics of Residual Stress Measurement
- Process Parameters and Control
- Practical Residual Stress Measurement (shop training)
- Shot Peening of a Sample Part with Intensity and Coverage Development (shop training)
- Rotary-Flap Peening Introduction
- Rotary-Flap Peening Certification

The third day of the program will be held at the KrampeHarex facility in Ostrovačice. This hands-on workshop will cover media testing, peening intensity and coverage. The instructors will cover real-life applications in shot peening practices.

ACHIEVEMENT EXAMS

Every Seminar/Workshop participant will receive a Certificate of Attendance. Students will also be eligible to take an EI

*March 9 - 11, 2021
Ostrovačice, Czech Republic
Hotel DI*

Achievement Exam. Beginner, Advanced and Professional exams in shot peening will be offered as well as the Rotary Flap Peening exam. **Students must pre-register for the exams when registering for the Seminar/Workshop.**

INSTRUCTORS

Barkley, Dave. Mr. Barkley is the Director of Shot Peening Training for Electronics Inc. He is also the 2020 “Shot Peener of the Year.” Mr. Barkley oversees all aspects of the seminars, workshops, and on-site training programs that are conducted around the world. He also leads classes in fundamental and specialized peening processes.

Hennig, Wolfgang. Mr. Hennig is the sentenso Training Manager. He has worked in the aviation industry since 1990, focusing on shot peening. He has worked as a shot peening trainer since 2005. Mr. Hennig’s training focus is on applications in aviation and engine components.

Schneidau, Volker. Mr. Schneidau has worked in blast cleaning and shot peening technology since 1997. The mechanical engineer worked for 10 years as a designer, project and sales manager in machine construction. In 2007, he founded the strahlportal engineering firm. In 2009, he founded sentenso GmbH. His training focus is on applications in automotive drive and chassis components.



Wolfgang Hennig leads a workshop class in rotary-flap peening.

SPONSORS

Electronics Inc (EI) manufactures products that improve the quality and control of the shot peening process including the MagnaValve media valve, controllers, Almen gages and strips. EI also publishes *The Shot Peener* magazine and maintains the largest online resource for shot peening and blast cleaning at www.shotpeener.com.

EI conducted the first public shot peening training event in 1991. Since then EI's Shot Peening Training division has issued over 14,000 certificates to shot peening professionals at seminars, workshops and private on-site trainings worldwide.

KrampeHarex is a specialised manufacturer of blast and peening media with operations all over the world. KrampeHarex produces high standard blast and peening media for a variety of industrial applications. Product quality is compliant with international standards and is routinely checked and documented in its own QM laboratory.

sentenso GmbH has delivered services and innovative equipment for process and quality management in shot blasting and shot peening since 2009. sentenso offers shot peening training through workshops with Electronics

Inc., through training at their technical center, and at their customers' facilities.

strahlportal is an engineering service provider owned by Volker Schneidau. It has provided blast cleaning and shot peening technology services since 2007.

HOW TO REGISTER

Visit www.shotpeeningtraining.com for information on fees, hotel accommodations, the schedule, and the training topics. A secure registration form is also available at the website. Students must pre-register for the event. ●



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Engineering
Training

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