



Why Submit a Paper to ICSP-11?

Why should you submit a paper to the Eleventh International Conference on Shot Peening? The following excerpt from an article titled "The Benefits of Publishing Technical Papers," by Brenda Jameson with Micron Technology, Inc., makes the argument far better than I ever could.

Few people recognize Nikola Tesla's name, but grade-school children can tell you that Thomas Edison invented the light bulb. It was Tesla, not Edison, who harnessed the alternating current that lights the bulbs of today. It was Tesla who invented radio, fluorescent lighting, and the bladeless turbines used in aircraft. He introduced the concepts of robots, computers, missile science, satellites, microwaves, beam weapons, and nuclear fusion.

Tesla and Edison were world-famous scientists and colleagues who lived and worked in the same period. Both made important contributions to the industrial age. So why is one name well-known today while the other is obscure? Thomas Edison regularly engaged in public relations campaigns to communicate the usefulness of his inventions to his colleagues and the general public. He lectured throughout the world and authored over 3-million pages of information including 1,093 patents; the largest number of patents ever attributed to an individual.

Nikola Tesla filed 99 patents in his 85-year lifetime. His lectures made him world-famous in his time, but he never once submitted an article to an academic journal. The inventions of Thomas Edison were published in technical detail, but many of Nikola Tesla's ideas and inventions were never documented or published and, consequently, were lost to humanity when he died.

I'm not suggesting that shot peening has changed the world like the invention of the light bulb, but its benefits and applications are increasing as the need grows for stronger and lighter metal components in transportation, medical and many other industries.

An ICSP-11 paper benefits the author(s) in four ways:

- establishes ownership of work
- enhances professional reputation
- provides networking opportunities with peers
- papers will be published in the Conference Proceedings book

Many of the contributors to the conference are from academic and research institutes, but papers are welcomed from industry, too. The only stipulation is that a paper addresses one of the approved ICSP-11 research topics—a paper won't be accepted if it's an advertisement for an organization. An example of an excellent paper from industry is "The Application of Mechanical Surface Treatment in the Passenger Car Industry." It was written by Peter Hutmann, BMW Group, Germany and presented at ICSP-8. (The paper was reprinted in the Summer 2004 *Shot Peener* due to its relevance to our readers.)

Student researchers and young engineers and scientists are encouraged to participate. If preparing an abstract, much less compiling your research into a paper, seems like a formidable task, the committee members and I stand ready to help you. If English isn't your first language, native-speaker editors will be pleased to review your abstract and/or article.

An alternative to a paper is a poster submission. The poster presentation allows academic and industrial researchers to present recent and ongoing projects. Accepted posters will be displayed at the conference and this forum is a good opportunity to discuss ideas and get useful feedback from the community.

ICSP-11 will also sponsor a trade show with exhibits from the leaders of the finest products and services in shot peening and related processes.

And the conference isn't all work. We are planning some terrific events where attendees will be able to relax, have fun and enjoy talking and sharing information.

The deadline for abstract submissions is June 1, 2010. More information on the conference is on page 20 and 21 of this magazine and a submission form is included. Please contact me at jack.champaigne@electronics-inc.com with any questions. ●