



From Abstract to Reality

The ICSP-11 Local Organizing Committee Approves Abstracts and Posters for Presentation at the Upcoming Conference

The Eleventh International Conference on Shot Peening • September 12-15, 2011 • South Bend, Indiana USA

What's an abstract anyway?

An abstract is a shortened version of the paper that must contain all information necessary for the reader to determine:

- the objectives of the study
- how the study was done
- what results were achieved
- the significance of the results

A well-written abstract is crucial for acceptance into a conference because an organizing committee has the task of making a judgment on the validity of the research based on the abstract.

The final research paper will open with the abstract. It's also a useful tool for the reader to determine the content of the paper.

Local Organizing Committee

Jack M. Champaigne
Chairman
Electronics Inc.

Dr. John Cammett
Consultant

Prof. Christine Corum
Purdue University

Hali Diep
The Boeing Company

Prof. A. F. Grandt, Jr.
Purdue University

Prof. Michael R. Hill
University of California

Dr. Hong Yan Miao
ECOLE Polytechnique Montreal

Prof. Mamidala Ramulu
University of Washington

Prof. Steven R. Schmid
University of Notre Dame

Prof. Yung Shin
Purdue University

Dr. Marsha Tuft
General Electric

Photograph: Marriott lobby - the ICSP-11 hotel.

The ICSP-11 Local Organizing Committee gathered in South Bend, Indiana for two days in late August to review paper abstracts and conduct a site tour of the 2011 conference venue. The committee, comprised of representatives from academia and industry, had the substantial responsibility of contributing to the international conference through the selection of appropriate paper and poster summaries. The presentation materials must have in-depth content, yet appeal to an audience that will range from students to experts.

A large number of papers and posters abstracts were submitted — 90 abstracts and five posters—but the committee members were well-prepared and the review process went smoothly. The discussion was lively as the merits of each submission were debated on the criteria of originality, significance, interest, clarity, relevance and correctness. The committee also determined the appropriate topic placement of each approved abstract.

The following comments provide additional insight on the committee members and their impressions of the upcoming conference.

What is the value of ICSP-11 to you?

The conference brings together industrial practitioners and academic researchers (and other researchers) with the common goal of better understanding and further developing/deploying surface residual stress treatments.

—Professor Michael Hill
University of California

To me, all ICSP conferences give the audience a great value in enhancing their knowledge, not only in shot peening, but other surface enhancements as well. Looking forward to a great conference in 2011.

—Hali Diep, The Boeing Company

It will provide a forum to exchange information about shot peening and related processes.

—Prof. Steven R. Schmid
University of Notre Dame

Keeping abreast of industry developments.

—Dr. John Cammett, Consultant

In 2008, I took part in ICSP-10 in Tokyo, where hundreds of shot peening experts gathered together to share their experiences and discuss

their research results. As a new student in this field, I acquired a lot of information and made several important friends in my life, with which I discuss my research very often. As a group leader for the study of the shot peening with several industries and universities, ICSP-11 will supply with me a big platform to share and to learn the most updated shot peening applications and research projects in the world.

—Dr. Hong Yan Miao
ECOLE Polytechnique Montreal

ICSP papers have been very valuable to my aerospace contract research and graduate students for the last 15 years. The conference will play an important role in our future research activities in the development of alternative surface treatment methods.

—Prof. Mamidala Ramulu
University of Washington

Why did you agree to serve on the Local Organizing Committee?

Opportunity to connect with others and to support a useful event.

—Professor Michael Hill
University of California

As a member of the International Scientific Committee for Shot Peening, I was happy to help out when Jack Champaigne asked me.

—Hali Diep, The Boeing Company

Being able to work together with lots of outstanding shot peening researchers is an exciting experience for me. As a Chinese, this work means more for me. Since this conference never happened in China, I would like to help China to organize the International Conference of Shot Peening in the future and to help Chinese industries and research centers to understand better the applications and the importance of the shot peening.

—Dr. Hong Yan Miao
ECOLE Polytechnique Montreal

One of my areas of interest is "improving fatigue life." Shot peening is clearly in my self-interest and I agreed to serve and render my services in ICSP.

—Prof. Mamidala Ramulu
University of Washington

What is your opinion of the quality of abstracts submitted to the conference?

Many of the abstracts are of excellent quality.

—Professor Michael Hill
University of California

There are many valuable papers that could help enhance shot peening technology.

—Hali Diep, The Boeing Company

For the most part, they were exceptional.

—Prof. Steven R. Schmid
University of Notre Dame

I am very happy to see the number of quality abstracts submitted from the international community. This reassures me that shot peening research is alive and growing strong.

—Prof. Mamidala Ramulu
University of Washington

The consensus is that the committee was pleased with the quality of abstracts but was there an abstract that was particularly interesting to you?

One related to fine particle peening to obtain a graded material with WC near the surface.

—Professor Michael Hill, University of California

Yes, all papers that dealt with manufacturing processes, i.e., forming, optimization.

—Hali Diep, The Boeing Company

Most of them are good and valuable and it is unfair to name any abstract as an interesting one since I am involved in traditional shot peening and developing water peening technology.

—Prof. Mamidala Ramulu, University of Washington

What do you think of South Bend and the Century Center as the ICSP-11 venue?

I like the views of the river and think it will be nice to have

the event in a facility with those views.

—Professor Michael Hill, University of California

I think the Century Center is a great place to hold the conference.

—Hali Diep, The Boeing Company

South Bend can be a great conference location. Costs are reasonable and the city has a lot to offer.

—Prof. Steven R. Schmid, University of Notre Dame

Good venue, impressive. I particularly liked the smaller auditorium for break-away sessions.

Dr. John Cammett, Consultant

Watch for more information on the research that will be presented at ICSP-11 in upcoming issues of *The Shot Peener*. ●

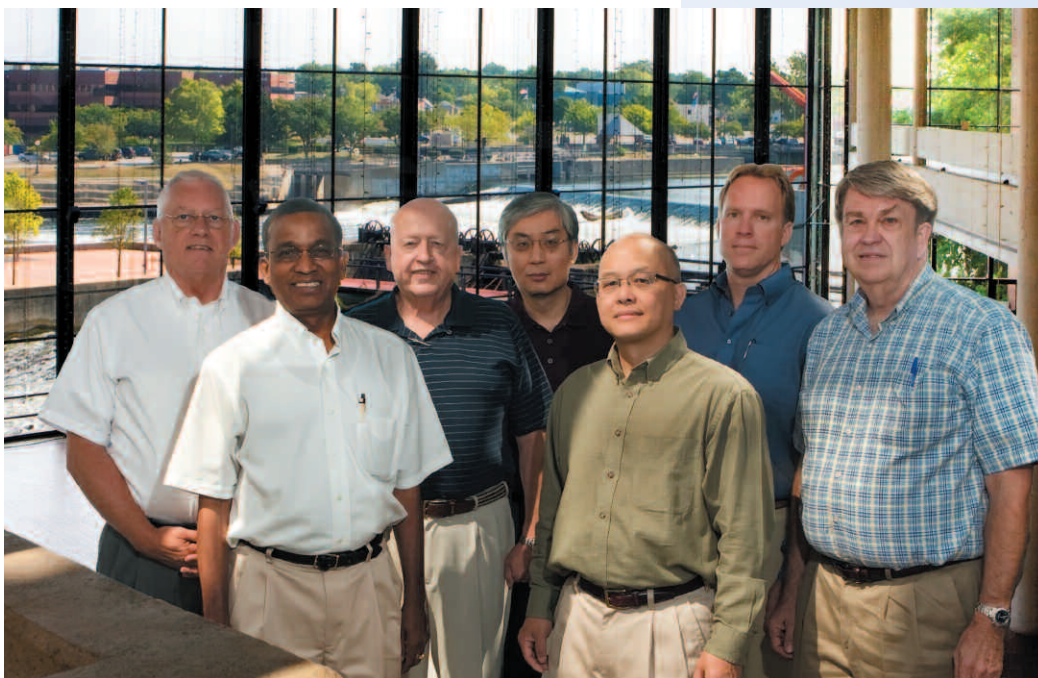
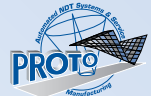
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The members of the Local Organizing Committee express their appreciation to the Benefactors of ICSP-11. The generosity of these contributors made the Abstract Review and upcoming conference events possible.

"Metal Improvement Company is pleased to be a Benefactor of the ICSP-11 Conference. We are fully supportive and appreciative of the prior contributions this conference has made to the field of engineered residual stress technology."

—Robert Specht
Metal Improvement Company



The ICSP-11 Organizing Committee poses in the Great Hall of the Century Center—the venue for the 2011 conference in South Bend, Indiana.

Photographed from left to right, back row: Jack Champaigne, Dr. John Cammett, Prof. Yung Shin, Prof. Michael Hill. Front row, from left to right: Prof. Mamidala Ramulu, Hali Diep, and Prof. Alten Grandt. Committee members not in attendance: Christine Corum, Dr. Hong Yan Miao and Dr. Marsha Tufft. (Prof. Steven Schmid attended the Abstract Review but wasn't available for the photograph.)