

ICSP14

It is Time to Start It Over

OUR EVERYDAY LIFE has been deeply affected by the COVID pandemic. We could not imagine the way we lived after the boom of the infections during Winter 2020. Now we can say that we have learned how to live with the virus, using all the possible precautions to prevent the infection and its spread.

One of the most restrictive constraints affecting our lifestyle was the impossibility to travel. This caused the total cancellation of conference calendars. Consequently, ICSP14, initially planned for September 2020, was also postponed to a date to be defined.

In the last year, each of us attended multiple on-line/virtual conferences, either listening to the recorded talks of the speakers or to the live interventions. Then, let me ask you: Are you fully satisfied with this experience? Or are you missing the traditional in-person conferences? I personally am wishing for the in-person conferences with the possibility to directly meet and interact with the people, to drink a coffee discussing scientific and technical subjects, and visiting the sponsor's booths that exhibit latest advancements and interesting devices and tools. I am sure you agree with me.

Now the pandemic is not over but it seems that life is slowly going back to something close to normal; thus, I think it is time to make a decision about ICSP14. Our decision is to organize ICSP14 in-person, on September 4th-7th, 2022!

The decision was not easy, but it is quite encouraging that with the due documents and the required procedure, it is now possible to travel and fly in most countries while taking special measures. We have also verified that we can safely use conference rooms.

This time, the ICSP organizer is Politecnico di Milano (POLIMI) in partnership with Peenservice. The venue is in Milan in the rooms of Campus Bovisa of POLIMI, and I have the honor to be the Chairman of the conference.

We have decided to start the organization of the conference over. We are not considering any longer the abstracts sent in 2020 and we are restarting the Call for the Paper procedure. You can find the details on how to proceed for submitting an abstract at the conference website at www.icsp14.org. We hope that you have maintained the original enthusiasm and that you will submit your abstracts soon.

Indeed, let me say that the expectation for this ICSP14 is high, not only for most recent developments in terms of new materials and the ever-exciting achievements as regards the fatigue strength and life estimation, but especially for the

recent innovations in the production environment not yet completely implemented in the manufacturing technology, the so-called 4th Industrial Revolution or I4.0, which is opening new horizons to shot peening.

Bearing this in mind, ICSP14 represents a unique opportunity to the researchers and industry representatives to present their scientific and technological developments on shot peening and surface treatments and to listen to the recent developments and achievements in this field.

Another important subject, intended to become a major topic in the next few years, is the application of shot peening to additive manufactured parts obtained by processes based on powder deposition and melting. This new paradigm for industrial production has many challenges related to the poor quality of the surface that limits the mechanical strength (especially fatigue) and prevents a wider diffusion of these technologies. Shot peening and allied processes are found to be very efficient post-processing treatments for additive manufactured parts. However, the way to set up the treatment and the choice of the optimal process parameters are an unsolved key point to be addressed by academics and industrial engineers.

We expect high interest in the conference next year. Many colleagues and friends have already confirmed their interest and the plenary lecturers have confirmed their outstanding contribution.

Of course, another important aspect that makes a huge difference between on-line and in-presence conferences are the social events. Milan is a wonderful city in the north of Italy. It is the second largest and the most important financial



People from Milan like to meet up during the evening along the Channel "Naviglio" to enjoy their aperitif with Prosecco wine or Spritz and the delicious Italian food.

and economic city in the country. It is a well-known international capital of fashion and design as well as a city with many opportunities for shopping. Although less known than Rome or Venice, Milan is quite attractive for history and arts, rich in historical monuments and buildings, with many museums and art exhibitions. In Milan, it is possible to visit *The Last Supper*, the famous masterpiece wall painting by Leonardo da Vinci, and the Cathedral, a masterpiece of Gothic architecture that is well known all over the world.

It is quite interesting to take a walk in the downtown around the historical castle but also in the new districts with innovative buildings, especially in the late summer. ICSP14 is planned for the second week in September during these late summer days. ICSP14 wants to give to the attending people a "taste of Italy", thus a welcome reception is planned at the end of the opening day and the gala dinner is expected in the courtyard of the historical castle in Milan with a cultural visit of the castle itself. A social program for accompanying persons as well as cultural visits and post-conference tours are under development at this moment and will be communicated on the website.

We are working hard to welcome you and offer you an amazing and remarkable experience at ICSP14.

I am looking forward to meeting you at ICSP14! ●

Important ICSP14 Dates

Submission of abstracts	February 15, 2022
Notification of acceptance	March 15, 2022
Submission of papers	April 30, 2022
Notification of acceptance	May 30, 2022
ICSP14 Conference	September 4-7, 2022

Submit abstracts and papers to: submit@icsp14.org

ICSP14 Chairman: Prof. Mario Guagliano
Department of Mechanical Engineering Politecnico di Milano



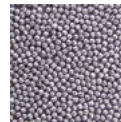
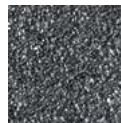
SIGHTIA
surface evaluation technology

Nondestructive

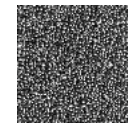
X-ray Diffraction Residual Stress Measurement in 10 seconds

Detect Defects on the surface of parts in 3 seconds

Why Choose Sinto?



Three in one supplier for all your peening and blasting media, surface treatment equipment and technical service and support.



SINTO AMERICA
SINTOKOGIO, LTD.
www.sintoamerica.com sales@sintoamerica.com
150 Orchard St. Grand Ledge, MI 48837 Tel 517.371.2460 Fax 517.371.4930

New Harmony >> New Solutions™

www.sinto.com

