**The 5th International Symposium on Statistical Process Monitoring**

Welcome to the 5th International Symposium on Statistical Process Monitoring (ISSPM 2017) website. The ISSPM 2017 will be held on **July 3-7, 2017** in Seoul and it is organized by the **Department of Applied Statistics of Chung-Ang University**.

[ISSPC/ISSPM conferences](http://isspm2017.cau.ac.kr/about.html) have already been established as the most prominent forum for international scientists working on the field of Statistical Process Monitoring (SPM). The conference aims (i) to discuss original and high-quality research and (ii) to bring together a limited number of SPM researchers and foster new collaborations.

All SPM related topics are of interest. Indicative research fields are: univariate and multivariate control charts, parametric and nonparametric SPM, Bayesian procedures, adaptive control techniques, design and optimization of control procedures, SPM for special types of applications (profile monitoring, multi-stage processes, high-dimensional data, services, health, etc.).

ISSPM 2017 will keep the successful format of the [four first meetings](http://isspm2017.cau.ac.kr/previous.html), with personal invitations as well as [pre-conference (on July 3) and post-conference (on July 7) tours](http://isspm2017.cau.ac.kr/social.html).

## **Scientific Committee**

* Sotiris Bersimis, University of Piraeus, Piraeus, Greece.
* Giovanna Capizzi, Padua University, Padua, Italy.
* Philippe Castagliola, Université de Nantes, Nantes, France.
* Eugenio K. Epprecht, PUC-Rio, Rio de Janeiro, Brazil.
* Ross Sparks, CSIRO, Sydney, Australia.
* Kwok Leung Tsui, City University of Hong Kong, Honk Kong.
* William H. Woodall, Virginia Tech, Blacksburg, USA.
* Changsoon Park, Chung-Ang University, Seoul, South Korea.

**About ISSPC and ISSPM**

For all companies worldwide, the quest for high quality products and services has clearly become a key point for business competitiveness. Among the numerous approaches used for improving the quality, Statistical Process Monitoring (SPM) plays a particularly important role. Furthermore, nowadays, the use of SPM methods is not restricted to industrial and business fields. SPM methods may be also used in many other fields (health, environment, etc) providing new opportunities for research.

All around the world, there are many researchers who are developing new SPM methods, trying to implement them into real situations and publishing the results into international peer refereed journals. But, surprisingly, for these researchers, there were no periodic meetings dedicated solely to this topic until July 2009, when the [1st International Symposium on Statistical Process Control (ISSPC 2009)](http://isspc2009.free.fr/) was organized in Nantes, France.

At the closing session, the participants decided to make ISSPC biennial, launching the ISSPC series of conferences. The [2nd ISSPC](http://www.ind.puc-rio.br/isspc2011/index2.html) was held in Rio de Janeiro, Brazil, in July 2011. The [3rd ISSPC](http://isspc.unipi.gr/index.php/en/) was held in Piraeus, Greece, in July 2013, and proposed to change the name in International Symposium on Statistical Process Monitoring (ISSPM). The 4th meeting was held in in Padua.

**All SPM related topics** are of interest and in particular:

* Univariate and multivariate SPM procedures (standard and nonstandard control charts, parametric and nonparametric procedures, Bayesian procedures, new procedures for special applications, etc.).
* Design and optimization of Phase I and Phase II control charts (statistical-economic design of control charts, design of variable sample size control charts, etc.). Integration between SPM and capability analysis.
* SPM for special types of processes (linear and nonlinear profiles, multi-stream processes, multi-stage processes, short production runs, batch processes, autocorrelated processes, etc.).
* SPM applications (industry, health, environment, services, customer satisfaction evaluation, etc.).

**For more information please refer to** [**http://isspm2017.cau.ac.kr**](http://isspm2017.cau.ac.kr)**.**

**Those who would like to join the conference should contact:**

**Professor Changsoon Park, a scientific committee member, at** [**cspark@cau.ac.kr**](mailto:cspark@cau.ac.kr) **(82-2-820-5502)**

**Jaeheon Lee, a local organizing committee member, at** [**Jaeheon@cau.ac.kr**](mailto:Jaeheon@cau.ac.kr) **(82-2-820-5501).**