

## Chairs

### IPC Chair

*Prof. Vicenç Puig*  
UPC, Barcelona, Spain  
vicenc.puig@upc.edu

### IPC Vice-Chair

*Prof. Yonghong Tan*  
Shanghai Normal University, China  
tany@shnu.edu.cn

### IPC Industry Vice-Chair

*Dr. Ryszard Boron*  
Emerson Process Management, Warsaw, Poland  
ryszard.boron@emerson.pl

### Editor

*Prof. Silvio Simani*  
University of Ferrara, Italy  
silvio.simani@unife.it

### NOC Chair

*Prof. Józef Korbicz*  
University of Zielona Góra, Poland  
j.korbicz@issi.uz.zgora.pl

### NOC Vice-Chair

*Prof. Jan Maciej Kościelny*  
Warsaw University of Technology, Poland  
jmk@mchtr.pw.edu.pl

### NOC Industry Vice-Chair

*Dr. Andrzej Kozak*  
Int. Centre for Chemical Safety and Security,  
Warsaw, Poland  
a.kozak@iccss.eu

### Deputy for Pre-Symposium Tutorials

*Prof. Marcin Witczak*  
University of Zielona Góra, Poland  
m.witczak@issi.uz.zgora.pl

### Co-Editor

*Prof. Krzysztof Patan*  
University of Zielona Góra, Poland  
k.patan@issi.uz.zgora.pl

### Financial Manager

*Ewa Lehmann, MSc*  
University of Zielona Góra, Poland  
e.lehmann@issi.uz.zgora.pl

### Organizational Manager

*Agnieszka Rozewska, MA*  
University of Zielona Góra, Poland  
a.rozewska@issi.uz.zgora.pl

## Important dates

Proposals for invited sessions: 23 October 2017  
Submission of draft papers: 6 November 2017  
Notification of acceptance: 12 March 2018  
Submission of final papers: 14 May 2018  
Early registration: 14 May 2018  
Symposium: 29-31 August 2018

## Fees

Early full registration: 480 EUR  
(before 14 May 2018)  
Early student registration: 280 EUR  
(before 14 May 2018)  
Late registration: 680 EUR  
(after 14 May 2018)

[safeprocess18.uz.zgora.pl](http://safeprocess18.uz.zgora.pl)  
[safeprocess18@uz.zgora.pl](mailto:safeprocess18@uz.zgora.pl)

## Scope

The *SAFEPROCESS* Symposium is a triennial meeting of the IFAC and a major international gathering of leading experts in the academia and industry from all over the world. It aims at strengthening the contact between the academia and industry to build up new networks and cultivate existing relations. High-level speakers will give talks on a wide spectrum of topics related to fault diagnosis, process supervision, safety monitoring and fault-tolerant control as well as state-of-the-art applications and emerging research directions. The Symposium is also meant as a forum for young researchers, with the opportunity to present their scientific ambitions and work to an audience of international communities of technical diagnostics and control.

*SAFEPROCESS 2018* is continuing the successful series of symposia held in Baden-Baden (Germany, 1991), Helsinki (Finland, 1994), Hull (England, 1997), Budapest (Hungary, 2000), Washington DC (USA, 2003), Beijing (China, 2006), Barcelona (Spain, 2009), Mexico City (Mexico, 2012), and Paris (France, 2015).

## Research areas

Model-based diagnosis  
Data-driven diagnosis methods  
Process supervision  
Active fault diagnosis methods  
Condition monitoring, maintenance engineering  
Fault-tolerant control, control reconfiguration  
Diagnosis and FTC of discrete-event systems  
Structural methods of fault diagnosis and FTC  
Statistical methods for fault diagnosis  
Soft computing methods for fault diagnosis  
Safety-critical systems  
Structural health monitoring

## Application areas

Aeronautics and aerospace systems  
Automotive applications  
Electrical, mechanical and mechatronic systems  
Chemical systems  
Mining, minerals, metal applications  
Networked systems  
Process engineering applications  
Biosystems  
Production systems  
Marine systems  
Power systems and networks  
Robotics

## Paper submission

Papers have to be submitted electronically via PaperPlaza, the IFAC's Conference Submission and Review Management System available at [ifac.papercept.net](http://ifac.papercept.net). The conference manuscript must meet the IFAC's requirements in order to achieve the suitable layout and manuscripts properties. For detailed instructions, please visit [safeprocess18.uz.zgora.pl/for-authors/manuscript-requirements](http://safeprocess18.uz.zgora.pl/for-authors/manuscript-requirements).

## Awards

The *Paul M. Frank Award* will be given at *SAFEPROCESS 2018* to honor the best theoretical paper presented.

The *IFAC Young Author Award* is to stimulate the involvement of young scientists and engineers in the IFAC, as well as to recognize top-level contributions of the younger generation in the field of control and to support their careers.

For details, please visit [safeprocess18.uz.zgora.pl/awards](http://safeprocess18.uz.zgora.pl/awards).

## Invited speakers

### Plenary

Prof. Gautam Biswas – Vanderbilt University, Nashville, USA  
Prof. Mattias Nyberg – KTH Royal Institute of Technology, Stockholm, Sweden  
Dr. Hong Wang – Pacific Northwest National Laboratory, Richland, USA

### Semi-plenary

Prof. Christopher Edwards – University of Exeter, UK  
Prof. Gang Niu – Tongji University, China  
Prof. Marios M. Polycarpou – University of Cyprus, Nicosia, Cyprus  
Dr. Lothar Seybold – RAFI GMBH, Berg, Germany  
Prof. Marcin Witczak – University of Zielona Góra, Poland  
Prof. Ali Zolghadri – University of Bordeaux, France

