

## DEAR CONFERENCE PARTICIPANT,

Please read carefully the following instructions on "Registration procedure".

### NEW CONFERENCE PARTICIPANTS:

#### 1. Personal registration

Use the link "New person" and provide the necessary personal information. Submit the form to the conference system to register. The system will generate your PIN, which you can use any time to log into the conference system.

#### 2. Registration of all co-authors

Use the same procedure as in the previous step to register all co-authors of your scientific contribution. Only registered persons can be chosen as co-authors when registering a new paper.

#### 3. Paper submission

Use the link "New paper", provide the paper title, select the co-authors, and enter the paper abstract as a plain text (up to 250 words). At the same time, the full version of your contribution must be uploaded as a PDF file. Please consult the "Instructions for Authors" section of the PC'15 web site which provides the necessary formatting guidelines. Upon submitting the form, the conference system will generate a unique paper ID. You can use this ID as a reference if you want to change paper details or the paper contents later. All modifications, however, must be completed by **January 31, 2015**.

#### 4. Final registration

Once you are certain about your participation at the conference, you can use the link "New participant" and fill the corresponding form. Do not forget to enter information about accompanying persons (if any). The system will generate an invoice for you and send it to you by e-mail. Check that all data on the invoice are correct and contact the conference board in case of discrepancies. Please ensure that the invoice is paid by **May 2, 2015**. All participants will receive the original of the invoice at the conference registration desk. If you need the original invoice earlier, please contact the conference administrator at [pc15@kirp.chtf.stuba.sk](mailto:pc15@kirp.chtf.stuba.sk).

### RETURNING CONFERENCE PARTICIPANTS:

#### 1. Personal registration

Log in to the conference management system using your PIN and password. Check the personal details and update them if necessary. If you have forgotten your PIN, look it up in the "List of Persons" page. A lost password can be retrieved by following the "Lost password?" link.

#### 2. Registration of all co-authors

If all co-authors already have an account in the conference system, check that their respective personal details are correct. Otherwise follow the instructions for new conference participants to register the respective co-authors.

#### 3. and 4. See the corresponding items for the new conference participants.

### IMPORTANT NOTICE

Please notice that all papers submitted for the conference will be subject to a peer-review process based on the full versions of the manuscripts. This implies that **full papers** must be submitted by **January 31, 2015**. One-page abstracts are no longer considered as the initial submission. Short plain text abstracts provided during the paper registration procedure will be published in the printed **Book of abstracts**.



### MEDIA PARTNERS

ATP Journal (<http://www.atpjournal.sk>)  
Chemagazin (<http://www.chemagazin.cz>)

INSTITUTE OF INFORMATION ENGINEERING,  
AUTOMATION AND MATHEMATICS  
FACULTY OF CHEMICAL AND FOOD TECHNOLOGY  
SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA

DEPARTMENT OF PROCESS CONTROL  
FACULTY OF ELECTRICAL ENGINEERING AND INFORMATICS  
UNIVERSITY OF PARDUBICE

20<sup>TH</sup> INTERNATIONAL CONFERENCE ON PROCESS CONTROL  
**PROCESS CONTROL '15**  
First announcement and call for papers



Sponsored by:

Czechoslovakia Section of IEEE,  
Slovak Society for Cybernetics and Informatics –  
National Member Organisation of IFAC  
and the Slovak Society of Industrial  
Chemistry - Section at FCFT STU Bratislava

with papers submitted to IEEE Xplore  
and Web of Science

Štrbské Pleso, High Tatras  
Slovak Republic

**June 9 – 12, 2015**

<http://www.kirp.chtf.stuba.sk/pc15>

## INTERNATIONAL PROGRAM COMMITTEE

### Chairman: Fikar M. (SK)

Bars R.	(HU)	Krokavec D.	(SK)
Bobál V.	(CZ)	Kučera V.	(CZ)
Bonvin D.	(CH)	Lofberg J.	(SE)
Baotic M.	(HR)	Masár I.	(DE)
Brdys M.	(PL)	Mikleš J.	(SK)
Dostál P.	(CZ)	Ogonowski Z.	(PL)
Gerke M.	(DE)	Prokop R.	(CZ)
Haber R.	(DE)	Quevedo J.	(ES)
Henrion D.	(FR)	Schmid Ch.	(DE)
Hippe P.	(DE)	Skogestad, S.	(NO)
Huba M.	(SK)	Strmčnik S.	(SI)
Hulkó G.	(SK)	Šebek M.	(CZ)
Hurák Z.	(CZ)	Taufer I.	(CZ)
Jones C.N.	(CH)	Tovornik B.	(SI)
Košťal I.	(SK)	Veselý V.	(SK)
Kotta U.	(EE)	Vrancic D.	(SI)
Kozák Š.	(SK)	Zítek P.	(CZ)

## NATIONAL ORGANISING COMMITTEE

### Chairman: Kvasnica M. (SK)

Čirka L.	(SK)	Křištofová M.	(CZ)
Fikar M.	(SK)	Taufer I.	(CZ)
Kalmárová A.	(SK)	Vagač S.	(SK)

## ADDRESS OF THE ORGANISING COMMITTEE

**Institute of Information Engineering, Automation, and Mathematics, STU in Bratislava, Radlinského 9  
812 37 Bratislava, Slovak Republic**

**phone:** (+421) (2) 59325366, **fax:** (+421) (2) 59325340

**e-mail:** [pc15@kirp.chtf.stuba.sk](mailto:pc15@kirp.chtf.stuba.sk)

**url:** <http://www.kirp.chtf.stuba.sk/pc15>

## SCOPE OF CONFERENCE

The objective of the conference is to bring together theoretical experts and control systems specialists, to evaluate the new possibilities of techniques, design procedures and instruments in process control projects. Different fields of manufacturing benefit from automation by introducing suitable control strategies and various procedures without relevant modifications on the productive process. Papers for presentation may range from theoretically rigorous research works to industrial applications.

## TOPICS

1. Linear and Non-linear Control System Design
2. Modelling, Simulation, and Identification of Processes
3. Process Measurements and Devices
4. Process Optimisation
5. Robust and Adaptive Control
6. Control Education
7. Intelligent Control Systems
8. Industrial Automation
9. Applications and Case Studies
10. Model Predictive Control
11. Algorithms and Computing for Control
12. MATLAB Computing and Toolboxes

## INSTRUCTION FOR AUTHORS

The program committee will consider the quality of each submitted contribution and inform the authors about acceptance/non-acceptance by **April 1, 2015**. As the peer reviews will be based on full papers, properly formatted **full versions of the manuscripts** must be submitted by **January 31, 2015**. Papers must be written in English.

Accepted manuscripts will be published in the conference proceedings, which will be indexed in the **IEEE Xplore and Web of Science databases**. In addition, outstanding conference contributions will be published in a special issue of the ATP+ Journal.

The "**Instructions for Authors**" section of PC'15 web site provides all necessary formatting instructions. Accepted papers will be published in full length on a CD-ROM, which will be distributed to all participants at the registration.

At least one of the authors is supposed to participate at the conference in person.

Accepted contributions can be presented as oral lectures in two parallel sessions, or as posters. The working language of the conference is English.

**Lectures:** Time allocated to each lecture should not exceed 20 minutes including discussion. Notebooks with data projectors will be available for each presentation.

**Posters:** Posters should contain a headline with names of the authors, affiliation with the mail address, and the title of the contribution. The size of a poster board is 90 cm (width) x 85 cm (height). The authors are expected to attend their posters according to the conference program.

## PLENARY LECTURES AND WORKSHOPS

The conference will feature two plenary lectures:

- **prof. Vladimír Havlena** (Honeywell/CVUT Prague) will deliver a talk on "Advanced Process Control - from processing industries to embedded applications".
- **prof. Mazen Alamir** (University of Grenoble) will give a plenary "On Trade-offs Governing Real-Time Implementation of MPC".

In addition, a tutorial workshop on Model Predictive Control and its applications will take place during the conference. Additional workshops can be proposed by the conference participants by **January 31, 2015**.

## IMPORTANT DATES AND DEADLINES

<b>January 31, 2015</b>	Submission of full papers Deadline for workshop proposals
<b>April 1, 2015</b>	Notification of acceptance Second announcement
<b>May 2, 2015</b>	End of early registration of participants
<b>May 2, 2015</b>	Final paper submission
<b>June 9 - 12, 2015</b>	Conference

## VENUE AND TRAVEL

The conference will be held in Hotel Sorea Trigan Baník in Štrbské Pleso, located in High Tatras, north Slovakia. There are frequent rail and bus links from the town Poprad (approximately 30 km). Directions from near-by airports (Košice, Bratislava, Wien) to Poprad can be found at PC'15 web site.

## CONFERENCE FEE

**Conference fee is 490 € for regular participants and 390 € for PhD students. IEEE members are eligible for a 10% fee reduction.**

Conference fee includes:

- participation in the Conference and exhibitions
- conference proceedings (CD-ROM, book of abstracts)
- hotel accommodation
- full board, banquet