

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'17 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, 2017**.

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, 2017**. 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 pc17@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, 2017**. 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**.

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'17 web site.

MEDIA PARTNERS

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

SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA

CZECH TECHNICAL UNIVERSITY IN PRAGUE

UNIVERSITY OF PARDUBICE

UNIVERSITY OF ZAGREB

21ST INTERNATIONAL CONFERENCE ON PROCESS CONTROL

PROCESS CONTROL '17

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 Scopus

Štrbské Pleso, High Tatras,
Slovak Republic

June 6 – 9, 2017

<http://www.kirp.chtf.stuba.sk/pc17>

INTERNATIONAL PROGRAM COMMITTEE

Chairman: Fikar M. (SK)

Baotić, M.	(CRO)	Kučera, V.	(CZE)
Bars, R.	(HUN)	Latifi, R.	(FRA)
Bolf, N.	(CRO)	Lazar, M.	(NED)
Bonvin, D.	(SUI)	Löfberg, J.	(SWE)
Gerke, M.	(GER)	Ogonowski, Z.	(POL)
Haber, R.	(GER)	Olaru, S.	(FRA)
Heemels, M.	(NED)	Petráš, I.	(SVK)
Henrion, D.	(FRA)	Quevedo, J.	(ESP)
Hulkó, G.	(SVK)	Rohal-Ilkiv, B.	(SVK)
Hurák, Z.	(CZE)	Rossiter, A.	(UK)
Jones, C.	(SUI)	Schlegel, M.	(CZE)
Kerrigan, E.	(UK)	Strmčnik, S.	(SLO)
Kotta, U.	(EST)	Šebek, M.	(CZE)
Kozák, S.	(SVK)	Veselý, V.	(SVK)
Krokavec, D.	(SVK)	Vrančić, D.	(SLO)

NATIONAL ORGANISING COMMITTEE

Chairman: Kvasnica M. (SK)

Čirka Ľ.	(SK)	Taufer I.	(CZ)
Fikar M.	(SK)	Vagač S.	(SK)
Kalmárová A.	(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: pc17@kirp.chtf.stuba.sk

url: <http://www.kirp.chtf.stuba.sk/pc17>

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, 2017**. As the peer reviews will be based on full papers, properly formatted **full versions of the manuscripts** must be submitted by **January 31, 2017**. Papers must be written in English.

Accepted manuscripts will be published in the conference proceedings, which will be indexed in the **IEEE Xplore** and submitted to **Scopus database**.

The "Instructions for Authors" section of PC'17 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. Sigurd Skogestad** (NTNU Trondheim) will deliver a talk on "Economic Plantwide Control: Control structure design for complete processing plants".
- **prof. Martin Mönnigmann** (RU Bochum) will give a plenary "Constructive Nonlinear Dynamics in Optimisation and Process Systems".

In addition, a tutorial workshop on **Optimal Control, ACADO Toolkit, MPC (B. Houska, ShanghaiTech)** will take place during the conference. Additional workshops can be proposed by the conference participants by **January 31, 2017**.

IMPORTANT DATES AND DEADLINES

January 31, 2017	Submission of full papers
	Deadline for workshop proposals
April 1, 2017	Notification of acceptance
	Second announcement
May 2, 2017	End of early registration of participants
May 2, 2017	Final paper submission
June 6 - 9, 2017	Conference

CONFERENCE EXPENSES

The registration fee is 360 EUR for regular participants and 260 EUR for PhD students, respectively. IEEE members are eligible for a 10% discount. The fee includes:

- participation in the conference, exhibitions, and workshops
- conference proceedings (USB with full papers, printed book of abstracts)
- banquet
- bus transport from Bratislava to Štrbské Pleso and back

Hotel accommodation at the conference venue and special full board meals (breakfast, lunch, dinner) can be booked at a reduced rate of 60 EUR/night for the duration of the conference. The booking must be done via the conference management portal.