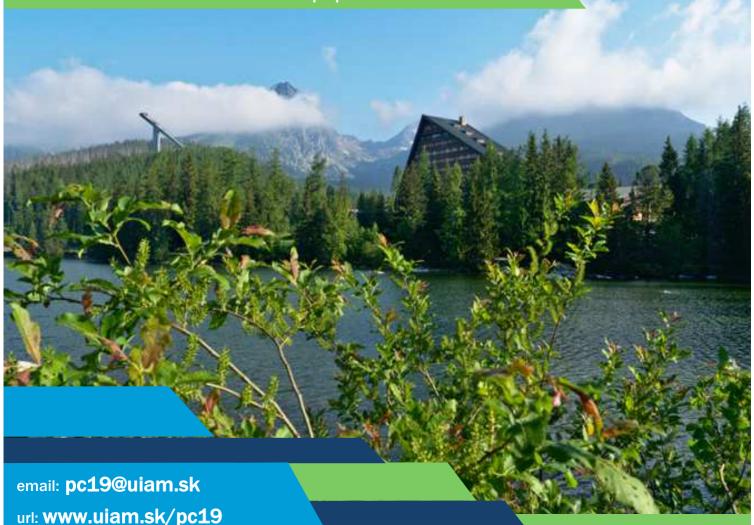22nd International Conference on Process Control

PROCESS CONTROL '19

Štrbské Pleso, High Tatras, Slovak Republic, June 11 – 14, 2019

First announcement and call for papers

email: **pc19@uiam.sk**

url: **www.uiam.sk/pc19**

Organised by

SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA
CZECH TECHNICAL UNIVERSITY IN PRAGUE
UNIVERSITY OF PARDUBICE
UNIVERSITY OF ZAGREB

Scope of the 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.

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Contact Details

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Topics

- Linear and Non-linear Control System Design
- Modelling, Simulation, and Identification of Processes
- Process Measurements and Devices
- Process Optimisation
- Robust and Adaptive Control
- Control Education
- Intelligent Control Systems
- Industrial Automation
- Applications and Case Studies
- Model Predictive Control
- Algorithms and Computing for Control
- MATLAB Computing and Toolboxes

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'19 web site.

Submission Information

Process Control 2019 will be accepting full papers and abstract-only submissions. Please use the templates provided by the IEEE (http://www.ieee.org/conferences_events/conferences/publishing/templates.html) for both the initial submission and final accepted versions for full papers. Abstracts are to be submitted as a plain text with no special formatting. All submissions must be in English.

Full Paper Submissions

Full instructions are on the conference website. Authors have the option to select a preference for presentation format (talk or poster), although the organizers will make a final decision based on an effective overall programme design. Accepted papers will be submitted to the IEEEXplore website. Please note that where submissions are over the 6 page limit (up to a maximum limit of 8 pages), an additional charge of EUR 100 will be payable by registrants.

Abstract Only Submissions

Abstract-only submissions are ideal for presenting preliminary results or sharing ideas. Please note that abstract-only contributions will only be published in the book of abstracts included on the USB stick, and will NOT be submitted to IEEEXplore. Abstracts must be submitted using plain text formatting, no LaTeX processing and/or other formatting is allowed.

Presentation Formats

Accepted contributions can be presented as a talk or as a poster. For oral presentations, speakers are alloted 20 minutes each comprising a 15 minute presentation and 5 minutes for questions. Additionally, selected outstanding contributions may be presented in the form of a keynote lecture with 40 minutes alloted. Posters should be printed in size A1 with portrait orientation. There is no poster template but we encourage authors to ensure that text is of a sensible size such that the poster is legible from approximately 1 metre away.

Plenary Lectures and Workshops

The conference will feature two plenary lectures:

- **prof. Denis DOCHAIN** (UCLouvain, Belgium) will deliver a talk on *Survey of parameter and state estimation for (bio)chemical systems - A personal perspective*,
- **prof. Sebastian ENGELL** (TU Dortmund, Germany) will give a plenary *Robust NMPC by Multistage Optimization - Basic idea and further developments*,

and two tutorial workshops:

- **Dr. Mario E. VILLANUEVA** (ShanghaiTech, China): *Robust Model Predictive Control*,
- **prof. Gabriel HULKÓ** (STU, Slovakia): *Control of Distributed Parameter Systems - An Engineering Approach*.

Important Dates and Deadlines

January 31, 2019	Submission of full papers
	Deadline for workshop proposals
April 1, 2019	Notification of acceptance
	Second announcement
May 2, 2019	End of early registration of participants
May 2, 2019	Final paper submission
June 11 - 14, 2019	Conference

Conference Expenses

The registration fee is 380 EUR for regular participants and 280 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 70 EUR/night for the duration of the conference. The booking must be done via the conference management portal.

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, 2019. Short plain text abstracts provided during the paper registration procedure will be published in the printed Book of abstracts.

Media Partners

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