

The 19th IEEE International Carpathian Control Conference ICC 2018

Szilvasvarad, Hungary, on May 28-30, 2018. <http://iccc.uni-miskolc.hu>

The aim of the conference is to support exchange of information and experience in the field of automation of engineering and production, in research, applications, and education.

The conference will enable presentation of most recent advances in complex automation, robotics, modelling, control of production and technological processes, including quality control systems oriented to environment, means of support, and information technologies.

The five sister faculties of five universities of the Carpathian region (Kosice, Krakow, Ostrava, Miskolc, Craiova) founded this conference in order to promote the research cooperation and cultural exchanges.

The scientific program of the ICC 2018 conference is divided in these areas, which will run in parallel sessions:

- 1. Measurement, sensors, monitoring and diagnostic systems.***
- 2. Identification, modelling and simulation of processes and systems.***
- 3. Theory and application of control systems.***
- 4. Automation, mechatronics, robotics.***
- 5. Intelligent embedded systems and instrumentation and Internet of Things (IOT)***
- 6. Information systems (SCADA/HMI, GIS, MES) and their Internet support.***
- 7. Engineering application of informatics.***
- 8. Quality contro, systems (TQM), production management and industrial logistics.***
- 9. Engineering education in Control and Computer systems.***
- 10. Fractional Calculus and its Application.***
- 11. Smart Grid***
- 12. Emerging technologies in power electronics***
- 13. Sustainable energy***
- 14. Intelligent transportation systems***
- 15. Geoinformatics***
- 16. Mining and mineral processing engineerin***
- 17. Industry 4.0***

Papers presented at this Conference may be eligible for review for inclusion in the IEEE Transactions on Industry Applications or the Industry Applications Magazine provided they meet certain requirements:

- * The subject of the paper must be within the technical scope of the IEEE Industry Application Society.
- * The author of the paper must request that it be submitted for review.

The official language of the conference is English.

Prospective participants are requested to electronically submit full papers of their work (6 pages) following the IEEE template and instructions available on the conference website.

Accepted papers will be published in IEEE proceedings to be included in IEEE-Xplore. Paper Acceptance Each accepted paper must be presented at the conference by one of the authors. Papers not presented will not be included in IEEE-Xplore.

The final manuscript must be accompanied by a full registration fee payment. All conference attendees, including authors and session chairpersons, must pay the conference registration fee.

Special Session proposals: **15 January, 2018**

Abstract submission deadline: **15 January, 2018**

Tutorial proposals: **28 February, 2018**

Full Paper submission deadline: **31 January, 2018**

Notification of acceptance: **28th February, 2018**

Final paper submission: **March 31, 2018**

Any deadline updates will be visible on the website <http://iccc.uni-miskolc.hu>

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Kind regards,

Jozsef Vasarhelyi

