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The 2018 IFAC Symposium on Information Control Problems in Manufacturing (**INCOM 2018**) represents the 16th event in the rich tradition of triennial IFAC events in manufacturing sciences and information technologies.

### **The general theme of INCOM 2018 is Information Control Problems for Responsive Manufacturing Systems.**

INCOM 2018 aims to provide a context facilitating the knowledge exchange, the review and discussion of theoretical advances, research results, and industrial experiences, among scientists, researchers, decision makers, practitioners and students.

Themes:

- Advanced manufacturing technologies and systems
- Advanced reliability, maintenance and safety engineering and technologies
- Enterprise modelling and information systems
- Modelling, control and optimization of complex engineered systems
- Simulation, control and monitoring of evolutionary and adaptive production systems
- Robotics and autonomous systems
- Operations management in production systems and logistics
- Human and social factors in production systems
- Lifecycle management, product-service systems and technologies
- Industry 4.0: strategies, models and technologies for next-generation production systems.

The program of INCOM 2018 will include regular, invited and special sessions, workshops and tutorials.

### **REGULAR SESSIONS**

Authors are invited to submit draft papers reporting original research of theoretical or applied nature. Final manuscripts are limited to 6 pages.

### **INVITED SESSIONS**

Invited sessions consist of papers focusing on targeted subjects and presenting a unifying theme. Invited session organizers should

submit an abstract that summarizes the aim and the content of the invited session. If at least, 5 papers are accepted the session is included in the symposium program as an invited session, otherwise the papers will be included in regular sessions.

### **SPECIAL SESSIONS**

Special sessions offer a venue for the presentation of topics of special academic, social or industrial interest, such as emerging research areas or most recent trends in manufacturing engineering. The format of special sessions is more flexible, it allows a panel discussion, led by the session chair(s), to motivate the exchange of opinions among presenters and participants.

### **OPEN INVITED TRACKS**

Open invited Tracks consist of regular papers focusing on targeted subjects; they have no upper limit on the number of papers; only those tracks having gathered more than 5 papers will be considered.

### **PAPER SUBMISSION**

All manuscripts as well as Invited/Special Session proposals and Open Tracks must be electronically submitted through the PaperPlaza Conference Manuscript Management System at:

<https://ifac.papercept.net>.

Guidelines for the preparation of manuscripts are provided on the IFAC website:

<http://www.ifac-control.org/events/author-guide>.

All papers will be accepted with the understanding that the authors will present them at the conference. At least one author of each accepted paper will be required to register for INCOM2018 before uploading the final version.

### **COPYRIGHT CONDITIONS**

All publication material submitted for presentation must be original and hence cannot be already published, nor can be under review elsewhere.

The authors take responsibility for the material that has been submitted.

Accepted papers that have been presented at INCOM2018 will be published in the proceedings of the event using the open-access IFAC-PapersOnLine series. To this end, the author(s) must confer the copyright to IFAC when they submit the final version of the paper through the paper submission process.

### **POST-SYMPOSIUM PUBLICATIONS**

The IPC of INCOM2018 may screen presented papers with the purpose of recommending the authors to consider significantly extended versions in one of the IFAC Journals (Annual Reviews in Control, Control Engineering Practice, Journal of Systems and Control, Mechatronics, Nonlinear Analysis: Hybrid Systems), Journal of Intelligent Manufacturing Systems, International Journal of Production Research.

### **VENUE**

INCOM2018 will be held in Bergamo, a beautiful city located near Milan. Situated in the eastern Lombardy region, Bergamo provides a combination of cultural and artistic history as well as modern developments. Old medieval structure is still intact in the city and you can see narrow streets, tall houses with picturesque windows and doors, and often secret passages, within the old Venetian walls.

## **IMPORTANT DATES**

**Extended deadlines**

Special/Invited Session/Open Tracks proposal.....	<b>30th September 2017</b>
Regular/Special/Invited Session/Open Tracks paper submission.....	<b>31st October 2017</b>
Notification of acceptance.....	<b>12th January 2018</b>
Camera-ready final manuscripts .....	<b>16th February 2018</b>
Early registration deadline .....	<b>2nd March 2018</b>
Late registration deadline .....	<b>1st April 2018</b>
PhD research and Tutorial proposal submission .....	<b>1st December 2017</b>
PhD research and Tutorial proposal notification of acceptance .....	<b>23th January 2018</b>