



16th IFAC Symposium on Information Control Problems in Manufacturing

CALL FOR PAPERS

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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.

Authors from academia and industry are encouraged to join the event and share their research results and empirical insights focusing on one of the following 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. Accepted papers exceeding the normal length may be included in the proceedings upon payment of over-length page charges for each page in excess of six pages, up to a maximum of two 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. All papers will be evaluated as regular submissions. 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. Special sessions may include regular papers.

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. Open invited track organizers should submit a proposal that summarizes the aim and the content of the open invited track.

IMPORTANT DATES

Special/Invited Session/Open tracks proposal	30th September 2017
Regular/Special/Invited Session/Open tracks paper submission	31st October 2017
Notification of acceptance	12th January 2018
Camera-ready final manuscripts	16th February 2018
Early registration deadline	2nd March 2018
Late registration deadline	1st April 2018

PhD research and Tutorial proposal submission	1st December 2017
PhD research and Tutorial proposal notification of acceptance	23th January 2018

Extended deadlines



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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 it be under review elsewhere.

The authors take responsibility for the material that has been submitted. INCOM2018 will abide by the highest standard of ethical behavior in the review process as explained on the Elsevier webpage (<https://www.elsevier.com/authors/journal-authors/policies-and-ethics>), and the authors will abide by the IFAC publication ethics guidelines (<http://www.ifac-control.org/events/organizers-guide/PublicationEthicsGuidelines.pdf/view>).

Accepted papers that have been presented at INCOM2018 will be published in the proceedings of the event using the open-access IFAC-PapersOnLine series hosted on ScienceDirect: <http://www.sciencedirect.com>.

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.

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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. The city is divided into two parts: "Città alta" (upper city), a hilltop medieval town, and the "Città bassa" (lower city), where the shopping district is located. The two parts of the city are connected by funicular, roads and footpaths. The 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.

Organized by



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