

CIO'17

Call for Papers

11th International Conference on Industrial Engineering and Industrial Management
XXI Congreso de Ingeniería de Organización

ENGINEERING DIGITAL TRANSFORMATION

Conference 5th-6th July, 2017
VALENCIA (Spain)

www.cio2017.org



SCOPE

Digitalization can be described as the use of digital technologies to change a business model and provide new revenue and value-producing opportunities.

The main idea behind the “Digitalization” is that a digital organization should “break into” smaller components that are fully digitized and allow interactions with other components, in a way that enables the completion of operations as defined in the business model of the organization.

Enterprises need to engineer new business, process, organisational and economic models, devices and infrastructures. These should allow multichannel, structured, unstructured processes and data. Digitalization should support better and faster decisional systems allowing seamless human-machine integration and interactions inside and outside the enterprise’s borders (enterprise mobility solutions, external sensors, etc.).

Technologies as cyber physical systems, internet of things and robotics are a must to create smart and ambient-enabling enterprises and supply chains, consisting of interconnected people, enterprise software, smart CPS, digital documents, sensors, wearables, etc..

The typical engineering life cycle (design, build, operate and improve) must be deployed to create digital enterprises.

CIO’17 is open to quality papers that help researchers and practitioners to face this new era of digital transformation looking for more competitive organizations but at the same time more sensitive with the people and the environment.

TOPICS OF INTEREST

Topics of the CIO’17 Conference include, among others:

- Strategy, Innovation and Entrepreneurship
- Operations Research, Modelling and Simulation
- Supply Chain Management and Logistics
- Sustainability and Eco efficiency
- Facility Engineering and Management
- Product Management, Industrial Marketing and Consumer Behaviour
- Knowledge and Project Management
- Human Factors and Ergonomics
- Production Planning and Control
- Quality Management
- Finance and Accounting
- Healthcare, Emergencies and Disaster Management
- Enterprise Information Systems
- Service Systems
- Education on Engineering and Management

CONFERENCE

CIO’17 Conference welcomes submissions of scientific papers directly connected with the Conference Topics but also industrial papers demonstrating relevant case studies and implementation. The papers could be written in English or Spanish.

A package with formatting instructions for full papers (8 pages length) or extended abstracts (2 pages length) and Word templates can be downloaded at: www.cio2017.org Authors > Templates

At least two members of the International Programme Committee (IPC) will review each submission. A selection of the best papers will be published in the following journals: Journal of Industrial Engineering and Management (JIEM), International Journal of Production Management and Engineering (IJPME), Dirección y Organización (DyO) and in Lecture Notes in Management and Industrial Engineering (LNMIE). The rest of the accepted papers will be published in the Conference Proceedings Book.

WORKSHOPS

CIO’17 Conference welcomes proposals for workshops to be held in conjunction with the main conference. The workshop proposal topics are opened to both the areas covered in the main conference topics (from a practical results point of view) and other areas not covered there. Workshops provide a space to discuss advanced research and innovative solutions, seeking also to show results achieved from industrial applications and/or research projects. Workshops may also be devoted to digital transformation case studies, solutions for industrial sectors or best practices and success cases. More information at www.cio2017.org

DOCTORAL SYMPOSIUM

The Doctoral Symposium is specially designed for students involved in the preparation of their PhD in any area related to the main CIO’17 topics. This Symposium brings the PhD students the chance to actively discuss their research issues and ideas with senior researchers and receive constructive feedback from members of the research community.

Accepted papers will be presented during the Doctoral Symposium by the PhD students who should be inscribed for the conference. Accepted papers will be published in the CIO’17 Proceedings Book. A best paper award will be given to the outstanding paper and will be published in LECTURE NOTES (Springer). More information about the call for Doctoral Symposium at www.cio2017.org

IMPORTANT DATES

- **Conference:**
 - Papers submission deadline: 20th February 2017
 - Authors notification due: 17th April 2017
 - Final versions of papers: 15th May 2017
 - Conference: 5th and 6th July 2017
- **Workshops:**
 - Workshops proposals: 9th January 2017
 - Workshops call for papers: 16th January 2017
 - Papers submission deadline: 20th February 2017
 - Authors notification due: 17th April 2017
 - Final versions of papers: 15th May 2017
 - Workshops: 5th and 6th July 2017
- **Doctoral Symposium:**
 - Papers submission deadline: 20th February 2017
 - Authors notification due: 17th April 2017
 - Doctoral Symposium: 5th July 2017

ORGANIZERS

	UNIVERSITAT POLITÈCNICA DE VALÈNCIA	UPV (Universitat Politècnica de València) www.upv.es
	ADINGOR Asociación para el Desarrollo de la Ingeniería de Organización	ADINGOR (Association for the Development of Organization Engineering) www.adingor.es

COLLABORATORS

	CIGIP (Research Centre on Production Management and Engineering) www.cigip.org
	ROGLE (Reengineering Operations GroupWork Logistics Excellence) www.upv.es/rogle

PROGRAMME

	5 th July 2017	6 th July 2017
Morning		Parallel Sessions Plenary
	Registration	Parallel Sessions
Afternoon	Parallel Sessions	
	Evening	City Tour Cocktail