



## Call For Papers (CFP)

In recent years, everyone is talking about Artificial Intelligence and its obvious involvement in almost every field. We think it is the right time to approach this discipline to better contribute to its orientation in the service of humanity. Our goal is to lead Artificial Intelligence to excellence, especially in the MENA region as well as in Africa where, to our knowledge, there is no specialized conference dealing with such topics. The International Conference on Modern Intelligent Systems Concepts (MISC) focuses on Artificial Intelligence (AI), its applications and how AI fields can support societal challenges such as health and well-being, food and nutrition, agriculture, clean energy, transportation and risk management, for critical issues such as climate change, environmental and ecological protection, societal safety, etc. At the same time, the socio-economic context has also favored the emergence of scams and other cyber-criminal activities. AI can be used to safeguard and protect users from these kinds of threats. AI is potentially offering solutions to many practical issues of everyday life and if well exploited can positively revolutionize the life of the people. MISC aims to put in place sustainable mechanisms to strengthen and promote the cooperation between academics and professionals. It is also a key tool for strengthening industrial cooperation in AI R&D and bridging the gap between research and the market. This Conference is a privileged place for the exchange of ideas, debates and networking between academics and entrepreneurs around the key issues of research, development and innovation in the various fields of Artificial Intelligence and its Applications. This session is therefore intended for start-ups, Designers, Developers, Decision-Makers, Consultants, and of course Master / PhD Students, Researchers and Academics.

### General Chair Abdellah IDRISSE

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## Topics of Interest

Researchers are encouraged to submit original contributions in all areas related to AI and its applications, including, but not limited to:

Artificial Intelligence (AI)	AI in Technology Trends	AI in Business	AI in Communication	AI in Societal Challenges
Cognitive Computing	Big Data	Business Intelligence	Communication Protocols	Biometrics & Cyber Security
Constraint Programming	Cloud, Fog & Soft Computing	Business Modelling	M2M Systems and Services	Clean Energy & Environment
Deep Learning	Computational Intelligence	Business Process Management	Mobile Adhoc Networks	Climate Change
Expert Systems	Computer Vision	Data Analysis	Mobile Edge Computing	Critical Issues
Logic & Fuzzy Logic	Data Mining & Web Mining	e-Learning Tools	Multi Edge Computing	Food and Nutrition
Gamification	Data Science	Enterprise Architecture (EA)	Network Evolutions (4G/5G)	Health and Well-Being
Information Retrieval	Evolutionary Methods	Enterprise Engineering	Network Function Virtualization	Information Security & Privacy
Machine Learning	Human Computer Interaction	Enterprise Knowledge Engineering	Networking & Mobile Apps	Medical Diagnosis
Multi-Agent Systems	Information Systems	Enterprise Knowledge Management	Next Generation Networks	Privacy in Intelligence
Natural Language Processing	IoT & Internet of Everything	Enterprise Resource Planning	Open Spectrum Solutions	Risk Management
Neural Networks	Mobile Cloud Computing	Evolution of EA	Satellite Communication Systems	Smart Cities
Semantic Web	Robotics	Service Oriented Architecture	SDN & SRN & CRN	Smart Services and Platforms
Sentiment Analysis	Smart Grid	Virtual Organisations	Vehicular Networks	Social Computing
System of Systems	Software Engineering	Web Analytics	Wireless & Mobile Communication	Societal and Private Safety

## Organizing Committee

**ABIK Mounia**, Mohammed V University in Rabat  
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**OUM ELKHEIR Abra**, Mohammed V University in Rabat  
**OUZINEB Mohammed**, INSEA, Rabat, Morocco  
**ZITI Soumia**, Mohammed V University in Rabat

## Invited Talks

**Keynote 1:** Pr. Vincenzo PIURI (Italy)  
Title: Artificial Intelligence for Industry, Environment, and Ambient Intelligence

**Keynote 2:** Pr. Abderrafaa KOUKAM (France)  
Title: Agent based approach: Distributed problem solving and complex system modeling

**Keynote 3:** Pr. Ladjel BELLATRECHE (France)  
Title: Take the Best of Big Data: Focus on Value & Variety

**Keynote 4:** Pr. Denis ROTHMAN (France)  
Title: Artificial Intelligence as the Art of Increasing Productivity in Industries with Deep Learning

**Keynote 5:** Pr. Khalid MACHCHATE (Morocco)  
Title: Intelligence & IoT: An Intelligent Connected World

**Keynote 6:** Pr. Elhadj BENKHELIFA (UK) - TBC  
Title: Intelligent Security Systems

**Keynote 7:** Pr. ANNAPPA B. (India) - TBC (or skype)  
Title: Cloud Computing Resource Management in Infrastructure as a Service

## Papers Submission

Authors are kindly invited to submit research papers/posters/demo, which are not submitted or published or under consideration anywhere in other conferences or journals, either following the link <https://easychair.org/conferences/?conf=misc20180> or email at [misc2018conf@gmail.com](mailto:misc2018conf@gmail.com).

Full Papers (6 ~ 8 pages), and short papers (2 ~ 5 pages), written in English, must follow the downloadable template: <https://www.ieee.org/conferences/publishing/templates.html>.

At least three TPC members will review each submission. The acceptance decision will take into consideration paper relevance, originality, novelty, technical depth, impact, quality, scientific-value added, etc.

## Proceedings Publication and Indexing

MISC'18 proceedings will be published as a book under ISSN: 2605-6941, and will be also submitted for possible indexation in IEEE, SCOPUS, DBLP, Thomson Reuters, WoS, ISI Proceedings, Google Scholar, EI-Compendex, etc. The e-proceedings will be distributed to the conference participants.

Selected and extended papers will be invited for possible publication, in the special issues of:

1. International Journal of Ambient Intelligence and Humanized Computing, by Springer <http://www.springer.com/engineering/journal/12652>
2. Journal of Computational Design and Engineering, by Elsevier <https://www.journals.elsevier.com/journal-of-computational-design-and-engineering>

Also, other full papers accepted will be published (upon authors permission), in one of the following SCOPUS Indexed Journals:

3. <https://www.sciencepubco.com/index.php/ijet/pages/view/Indexing>
4. <http://jardcs.org/>
5. <http://www.iaescor.com/journals/index.php/IJEECS>
6. <http://growingscience.com/msl/abs.html>
7. <http://section.iaesonline.com/index.php/IJEEI>
8. <http://journal.uad.ac.id/index.php/TELKOMNIKA>
9. <https://www.journals.elsevier.com/applied-computing-and-informatics/>

In addition, IEEE Computer Society is able to assist us for submitting the proceedings content to IEEE Xplore and, upon acceptance, making it available to indexing partners, particularly Scopus, etc.

Paper Submission Due	August 31 <sup>st</sup> , 2018 (Firm)
Acceptance Notification	October 1 <sup>st</sup> , 2018
Author Registration	October 5 <sup>th</sup> , 2018
Camera Ready Submission	October 11 <sup>th</sup> , 2018
Conference Dates	December 12 - 13, 2018



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