

## Call for Papers on ICCMIT 2017

<p>International Conference on Communication, Management and Information Technology (ICCMIT'17)</p>	<p><b>ICCMIT2017</b> Call for Papers</p>
<p><b>April. 3-5, 2017</b> <b>University of Warsaw, Warsaw, Poland</b> <a href="http://www.iccmit.net">www.iccmit.net</a></p>	<p><b>Paper Submission Deadline</b> <b>February 15, 2017</b></p>



## Call for Papers

*The Third International Conference on Communication, Management  
and Information Technology ICCMIT'17*

*April 3-5, 2017 at University of Warsaw, Warsaw, Poland*

[www.iccmit.net](http://www.iccmit.net)

We are happy to announce the ICCMIT'17 which will be organized on April 3-5, 2017 in University of Warsaw, Warsaw, Poland.

The Conference has a wide variety of topics to be picked up and provide an excellent opportunity to look into the up-to-date developments in ICT, Management, Economics and finance fields. Participants may get some good ideas for developing their own

future research topics from the developments in the neighboring areas. The conference joined the biggest publishers like IEEE and IGI to publish the conf. proceeding and the best articles as book chapters. You are cordially invited to participate in these interesting events. For more details:[www.iccmit.net](http://www.iccmit.net)

**International Conference on Communication, Management and  
Information Technology (ICCMIT 2017)  
SPECIAL Session or WORKSHOP  
ALGERIA special session ICCMIT'17**

[http://www.iccmit.net/SPECIAL%20SESSION%20ALGERIA\\_%20ICCMIT%20%202017.pdf](http://www.iccmit.net/SPECIAL%20SESSION%20ALGERIA_%20ICCMIT%20%202017.pdf)

**Session title** : Facing and shaping the Future of  
emerging network and Web Technologies:  
Most Recent Trends ,Perspectives, Outcomes, and Challenges

**Organized by:**



**Author's affiliations**

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### **Main author Biography :**

University Professor, Graduate Engineer from the University of Pittsburgh (USA), holds a doctorate in electronics Engineering, and a Master UTICEF "Education Sciences" from the University Louis Pasteur (ULP). Professional speaker, author and consultant in educational sciences, ICTs and digital pedagogy.

My areas of expertise are digital image processing, digital TV, IT's, mobile satellite communications, biometrics, computer networks, digital pedagogy, Innovation teaching technologies, collaborative social networks, multimedia, social web and collaborative ( 2.0+), digital Learning strategy, process design and production tools and e-learning, project management (multimedia, search etc.), quality of management, innovation and knowledge (KM). I currently lead the research team "Web Applications and Networks" laboratory "Communications Networks, Architectures and Multimedia" at the University of Sidi Bel Abbes (<https://www.univ-sba.dz/rcam/>) . Founder of the Mediterranean network of expertise and center of excellence in IT's research (REMETICE: <http://remetice.prog.fr/>), Member of the International Board of the International Association of University Pedagogy - Algerian section AIPU-dz (<https://web.facebook.com/groups/AIPU.DZ/>) and initiator of the Observatory for the use of IT's in Algeria. (<https://web.facebook.com/groups/1441352506104478/>).

### **Objectives and Motivation**

#### **Overview:**

The Net Generation, Y Generation, C Generation, digital natives... there are many terms – several controversial - used to name youth who were born into a world where the Internet is of great importance. These terms issue from a huge body of studies that focus on youth and digital culture on the emerging knowledge society and that illustrate a wide consensus on how new media are altering the way youth learn and socialize. No generation is more at ease with online, collaborative technologies than today's young people—"digital natives", who have grown up in an immersive computing environment. Where a notebook and pen may have formed the tool kit of prior generations, today's students come to class armed with smart phones, laptops and iPods.

They demonstrate that teachers face a new audience engaged in tagging, searching, gaming, multitasking, social networking and collaborating through Web 2.0-related activities. Indeed, youth appear more engaged in digital networks where they can create content, share knowledge and expertise, access cultural artefacts or remix existing material.

On the other hand the advent of mobile cloud computing , Internet of things , Big data , smart grid and emotional intelligence are new concepts related to smart cities.

An advanced persistent threat (APT) is a set of stealthy and continuous computer hacking processes, often orchestrated by human(s) targeting a specific entity. APT usually targets organizations and/or nations for business or political motives. APT processes require a high degree of covertness over a long period of time. The "advanced" process signifies sophisticated techniques using malware to exploit vulnerabilities in systems. The "persistent" process suggests that an external command and control system is continuously monitoring and extracting data from a specific target. The "threat" process indicates human involvement in orchestrating the attack.

### **Aim and scope of the special session**

This workshop aims at understanding the real impact of emerging Web technologies in transforming education. It will offer researchers and practitioners the opportunity to share their knowledge and expertise in putting forward new models of teaching and learning in the Internet Age. The aim is to bridge the gap between youth digital culture and school culture in order to face the new and complex challenges being addressed by educators in the knowledge society.

The second aim of this special session consists in studying international cyber-security using a sociotechnical approach that combines data science techniques, computational models, and network science techniques. Reducing attack exposure and hosting in the most affected countries requires addressing both social and technical issues such as corruption and computer piracy.

In a field where the literature is abundant, this session which does not claim to completeness in such a vast area, is intended to complement the literature published on this topic, very scattered and sparse. It aims to fill the gap by being both a working tool updated on a changing area and a window towards research. The workshop aims Engineering students of the telecommunications and computer science fields (broadcasting, TV, multimedia).

### **Topics covered by the special session**

#### **Track 1- Computer networks**

- a. Wireless technologies: GSM, GPRS, UMTS, WiFi, WiMax, Bluetooth
- b. Core networks: SDH, ATM, MPLS, GMPLS
- c. Voice / Data Convergence : VoIP, H323, SIP, T2 / QSIG
- d. Emerging networks: adhoc networks, Metro Ethernet
- e. Next Generation Networks (NGN)
- f. Smart WiFi
- g. Wireless mesh network (WMN) and Wifi mesh network
- h. Network virtualization
- i. Programmable networks SDN (Software Defined Network)
- j. Smart grids, smart homes, intelligent transportation and smart cities
- k. Big data and data centers
- l. immersive computing environment

#### **Track 2- Signal , image and video processing**

- a. Image processing (image analysis, segmentation, texture analysis, image registration, image fusion)
- b. Vector quantization of images.
- c. Morphological operators filtering
- d. MPEG 4Video Encoding
- e. JPEG and JPEG 2000 Image encoding.
- f. "Matching pursuit" Coding
- g. Motion estimation and compensation
- h. Image and video Watermarking

- i. Video streaming
- j. Image processing applications (medical imaging, satellite imaging);
- k. Digital image sub-band and wavelet coding
- l. "Compressed sensing" processing image
- m. New trends in digital television
  - i. Trends and Perspectives in Image and Video Coding
  - ii. Next-generation digital television terrestrial broadcasting systems
- iii. Key technologies and research trends
- iv. Digital Signal Processor Trends
  - v. Image and video compression: Principles, trends and perspectives
- vii. Color in Image and Video Processing: Most Recent Trends and Future Research Directions
  - n. IPTV System Architectures
  - o. TV White space
  - p. Open BTS (Open Base Transceiver Station)
  - q. Video Compression: MPEG 4 , MPEG 7 , MPEG 21 et H 263.

### **Track 3 - Web applications**

- a. Intelligent web
- b. Data and web mining
- c. Smart E-technology
- d. Agents and web Multi-agent systems , intelligent man-web interaction, conversational systems, intelligent Social Networks , Adaptive Web
- e. Net Generation, Y Generation, C Generation, digital natives
- f. Impact of emerging Web technologies in transforming education
- g. Applications of emerging Web technologies
- h. Web-based interaction systems
- i. RIA (Rich Internet Applications)

### **Track 4- Cloud computing**

- a. Grid Computing
- b. Service Grids
- c. Smart grids
- d. Peer to peer systems (P2P)
- e. Operating Systems for cloud computing
- f. Programming environment cloud computing
- g. Mobile cloud computing

### **Track 5 - E-services**

- a. E-learning
- b. E-commerce
- c. E-government
- d. E-Medecine
- e. E- banking

### **Track 6**

- a. Information and communications technology (IT's)
- b. Educational Sciences

- c. ICTs and digital pedagogy

#### **Track 7- Home automation**

- a. Domotique
- b. Homeplug standard

#### **Track 8- Computer Networks and Security**

- a. Cyber-security
- b. Internet of things
- c. Smart grid networks
- d. mobile cloud computing
- e. Social Web
- f. Cyber attack exposure and hosting
- g. Big data
- h. emotional intelligence
- i. Advanced metering infrastructures (AMIs)
- j. Public key infrastructure (PKI)
- k. Advanced persistent threat (APT)
- l. Hacking processes

**<http://www.iccmit.net>**

ICCMIT'17 International Conference is an annual meeting for scientists, engineers and the academy staff of the universities belonging to discuss the latest discoveries and realizations in the foundations, theory, models and applications of nature inspired systems, and emerging areas related to the three tracks of ICCMIT`17 conference covering all the fields of communication Engineering, Management, and Information Technology in a technology panels given by world-class speakers and workshops.

#### **CONFERENCE TOPICS AND TRACKS**

The conference has six major tracks:

- I- Information Technology
- II- Communication Systems
- III- Management of Enterprises
- IV- Economy
- V- Business Management

#### **Important Dates**

All instructions and templates for submission can be found in the ICCMIT 2017 web site: <http://www.iccmit.net/>. Please, contact the special session organizers if you are planning to submit any paper.

We are pleased to announce that selected papers presented at the this special session of the ICCMIT2017 Conference will be invited to submit to special issues of **Journal of Sensors**.

**Authors are requested the consider the following conference important dates and deadlines.**

**Paper submission date:** 15 February 2017  
**Acceptance notification:** 28 February 2017  
**Camera Ready:** 07 March 2017  
**Conference Date:** 3-5 April 2017

Contact us: [aboukelif@yahoo.fr](mailto:aboukelif@yahoo.fr)

### **Paper Submission:**

All articles are subjected to a double blind peer-review process. Manuscripts are invited from academicians, researchers and practitioners for publication consideration in all areas related to conference topics. Each manuscript must include a 200-word abstract. Articles are accepted in MS-Word format only.

**Manuscripts should be submitted to : [aboukelif@yahoo.fr](mailto:aboukelif@yahoo.fr)**

Remark: Use the following paper format  
or use the following Template: ( [MS Word Template](#) )

Papers should be prepared and written in **English**. All papers should be submitted according to IEEE format and should be submitted online before **February 15, 2017**. More details on the paper submission format refer to website [www.iccmit.net](http://www.iccmit.net), or [manager@universaljournals.org](mailto:manager@universaljournals.org).

### **VARIOUS TYPES OF PARTICIPANTS AND ATTENDEE**

Authors can present their contributions in different modalities:

- » In person ( Regular Paper and Short Paper in the form of Oral presentation)
- » As Poster Presentation
- » As in Workshop Sessions
- » Presenting paper as Virtual Authors (not attending authors)
- » As Listener only

**All accepted papers will be published either by: IEEE and appear on IEEE Xplore or Scopus journals mentioned on the conf. website.**

### **SPONSORS**

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### **ORGANIZERS**

I- Universal Society for Applied Research (USAR), **Czech Republic**

II- The University of Warsaw, Warsaw, **Poland**

III- Częstochowa University of Technology, **Poland**

IV- The ITT Technical Institute (ITT), **USA**

V- Institute of Advanced Studies in Communication (Iecom), Federal University of Campina Grande, **Brazil**

## **PUBLICATION**

**All accepted papers will be published by:**

**IEEE and appear on IEEE Xplore**

All accepted papers will be published either in the International Journal of Computers and Applications,  
Or in  
International Journal of Ambient Computing and Intelligence (IJACI),  
which are indexed in Scopus (Elsevier)  
Or by IEEE, which is indexed IEEE Xplore

## **Best Papers**

**Best articles will be invited for publication in IGI Book and ACM journal**

1- 10% of the best articles will be invited for publication in Journal of Information Retrieval Research "ACM Index".

2- Another 10% of the best articles will be invited for publication as book chapters in IGI book.

### **IMPORTANCE OF PARTICIPATION IN ICCMIT'16...**

- ✦ All registered papers will be submitted to IEEE for publication process
- ✦ Chance of B2B meeting
- ✦ Privileges on group registrations
- ✦ Chance to organize Workshop/Symposium
- ✦ Chance to organize special session
- ✦ 30% discount for author of two accepted paper
- ✦ 10 % discount of attendance fees and 10% of registration fees for Ph.D and M.Sc scholars.