



Faculty of Engineering and  
Information Technology



2nd Scientific Conference  
on Information  
Technology and Networks



Ministry of Higher  
Education and  
Scientific Research



Ministry of  
Telecommunication and  
Information Technology

2nd Scientific Conference on Information Technology and Networks  
(SCITN 2017)

*November 1-2, 2017*

المؤتمر العلمي الثاني في تقنية المعلومات والشبكات (SCITN 2017)

2-1 نوفمبر 2017 م

**co-sponsored by:**

Ministry of Higher Education and Scientific Research, Yemen.  
Ministry of Telecommunication and Information Technology, Yemen.

**"CALL FOR Papers"**

The Faculty of Engineering and Information Technology with cooperating with deanship of higher education at Alandalus University – Republic of Yemen is pleased to invite you to participate in the second Scientific Conference on Information Technology and Networks (SCITN 2017) which will be held at Alandalus University Head Office during the period from 1 – 2 of November 2017.

The faculty aims, through this conference, at strengthening and developing the process of scientific research in the field of Information

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Technology, Networks, Information Systems, programming, communications and Networks and types of computerization as well as Smart Technologies.

Meantime, a high interest is paid by the academic institutions, industrialism and the process of research and development of such fields in order to provide efficient services for users wherever they are. These results help in developing several devices and programs, Algorithms, protocols, and methods of Simulation, smart systems and many other technologies. Therefore, this conference is held to present and discuss research issues, innovative ideas, results of researches, applications and expertise from all over Yemen, whether they are from Yemeni universities or commercial and industrial sections. The conference will also highlight the multi-activities in the relevant fields.

The faculty calls upon the researchers, academic experts and specialists from all over the Yemeni universities, institutions and relevant companies to participate in the conference through submitting their scientific papers (full paper or abstract) and scientific posters. The faculty also encourages students from different Yemeni universities/faculties to submit their distinctive research projects and graduate (master) students and postgraduate students to present their research issues to be discussed that the first best research/work of each type of the participations will be granted the University Shield as a reward. The themes to be discussed by the conference, detailed below, include all the scientific engineering and applicative fields of Information Technology and Networks.

The conference is technically co-sponsored by the Yemeni Ministry of Higher Education and Scientific Research and Ministry of Telecommunication and Information Technology. that all the participations/papers will be included and published in the conference Proceeding. The Distinctive papers and researches will also be published in Alandalus University Journal after being subject to the publication pre-validation.

### **General Information :**

**Conference name:** The 2nd Scientific Conference on Information Technology and Networks (SCITN 2017).

**Conference Address:** Alandalus University Head Office, the new building.

**Conference Date:** 1-2 / 11 / 2017

**Conference Language:** English /Arabic

**Conference Web Site:** <http://scitn.andalusuniv.net>

### **Conference Overview :**

The 2nd SCITN is a scientific conference on the field of Computer, Information Technology and Networks which Alandalus University held annually. The conference aims at encouraging the researchers in the field of Computer and Information Technology to meet each other and exchange scientific ideas/opinions. The conference will also provide a unique opportunity of communication among interested researchers and institutions. Opportunities will also be provided for our dear students/graduates to present their innovations and distinctive works/researches. Master and Doctoral students will be given a chance in this conference though presenting their research issues to be discussed in the presence of elite specialists in the field. Briefly, Faculty of Engineering and Information Technology at Alandalus University, through this conference, achieves one of its main goals which is the encouragement of the students towards the process of scientific research.

### **Conference Goals:**

- 1) Encouraging researchers (teaching staff members) in the field of computer and Information Technology to carry out researches.
- 2) Creating an annual opportunity of gathering for researchers to exchange and discuss new scientific and research ideas, and presenting research results, applications and experiences from all over Yemen.
- 3) Strengthening the role of Engineering Faculty in the field of scientific research.
- 4) Creating a forum for communication between researchers, university students and relevant community and governmental institutions.

### **Scope :**

The scope of the conference includes (but not confined to) the following fields:

Wireless Networks,  
Intelligent transportation systems,  
Mobile Ad hoc Networks  
Data Communication,  
Vehicular Networks,  
Big data,  
Distributed Computing,  
Grid Computing,

Cloud Computing  
Mobile Computing,  
Ubiquitous Computing  
Green Computing  
Mobility Management,  
Data Mining,  
Web Mining,  
Semantic Web and Emerging Applications  
Information Security, Network Security,  
Database,  
Multimedia Systems  
Software Engineering,  
Artificial intelligent,  
Image processing,  
Information Systems,  
Internet of Things  
...etc.

### **Author Guidelines :**

Authentic papers and research works, which provide results about the mains themes of the conference, are required that they have to be written in English. Papers written in Arabic can be accepted too. Scientific papers and research works are to be sent to the Technical committee for validation. They should also be prepared in compliance with the accompanied template specified for IEEE that a research paper should not exceed 8 pages, containing the names of the author(s), name of institution the author belongs to, email address and contact information.

Researches works should be sent through the following emails [scitn@andalusuniv.net](mailto:scitn@andalusuniv.net) or [scitn2017@gmail.com](mailto:scitn2017@gmail.com) . Sent papers and research works will be evaluated based on the importance of the research topic/field, authenticity, findings and the clarity and accuracy of the methodology followed.

University students, intend for participation through presenting their research projects, can organize and document their research projects in accordance with the instructions attached with this that the file (research

project) to be sent should contain the name of the student(s), the university they belong to, email address and contact details as well as a covering letter from the educational institution they have studied at. Research projects can then be sent via the following emails [SCITN@andalusuniv.net](mailto:SCITN@andalusuniv.net) or [scitnp2017@gmail.com](mailto:scitnp2017@gmail.com) that they are going to be subject to the initial validation by the Committee of Projects to determine the accepted ones.

### **Important Dates :**

**Submission Deadline: 1/09/2017**

**Announcement of accepted papers: 01 /10/ 2017**

**Submission of camera-ready papers+ Copyright due:15/10/2017**

**Date of the conference: 1-2 /11/ 2017**

### **Registration :**

Participants intend to attend the conference can register through the following link [Click Here](#). Registration includes the stationery required for the conference, tea breaks, lunches and internal transportation. Costs of Hotel and other accommodations are to be on the account of the participant.

### **Steering Committee :**

Prof. Ahmed Burqa'an,	- Conference Chairs
Dr. Fekri M. Abduljalil,	- Vice-Chairs
Prof. Sharaf Al-shihari,	
Dr. Abdullah Abbass,	
Dr. Yahya Qutran,	
Dr. Abdullah Buker,	
Dr. Redwan Almehlaifi,	
Dr. Fuad Alyarimi,	

### **Technical committee :**

- 1) Prof. Khaleel Alwajih, Dep. of Information Technology, Tamar University, Modeling and Simulation
- 2) Prof. Ghalib Alja'afri, Faculty of Computer and Information Technology, Sana'a University, Rep. of Yemen. Artificial Intelligence

- 3) Assoc. Prof. Fekri Alhomadi, Faculty of Engineering and Information Technology, Alandalus University, Rep. of Yemen. Computer Networks
- 4) Assoc. Prof. Ayoub Alhammadi, University of Magdeburg, Germany, Artificial Intelligence, Image Processing & Pattern Recognition
- 5) Assoc. Prof. Adnan Alsaqa'af, Aden University – Yemen, Communications & Computer Networks
- 6) Assoc. Prof. Sharaf Alhamdi, Faculty of Computer and Information Technology, Sana'a University, Rep. of Yemen. Computer Networks
- 7) Assoc. Prof. Ali Alsharafi, Faculty of Computer and Information Technology, Sana'a University, Rep. of Yemen. Computer Networks
- 8) Assoc. Prof. Adel Sallam, Aden University – Yemen, Artificial Intelligence
- 9) Assoc. Prof. Fadhel Ba'ulawi, Faculty of Computer and Information Technology, Sana'a University, Rep. of Yemen. Artificial Intelligence & Web Mining
- 10) Assoc. Prof. Muneer Alqubati – Dep. of Information Technology - Thamar University – Yemen, Distributed Systems
- 11) Assoc. Prof. Yahya Kutran, Faculty of Education - Sana'a University – Yemen, Technology of Electronic Education
- 12) Assoc. Prof. Abdullqader Alobadi, Faculty of Computer and Information Technology, University of Science and Technology, Rep. of Yemen. Artificial Intelligence
- 13) Dr. Taha'a Alrawhani, Aza'al University for Science and Technology, Rep. of Yemen. Software Engineering
- 14) Dr. Ammar Alzuhari, Aza'al University for Human Sources Development, Rep. of Yemen. Computer Networks
- 15) Dr. Khalid Alsofi, Faculty of Engineering and Architecture, University of Ibb, Rep. of Yemen. Computer Networks
- 16) Dr. Muneer Almakhlafi, Faculty of Computer and Information Technology – Saba University, Rep. of Yemen. Software Engineering
- 17) Dr. Nashwan Althabhani, Faculty of Computer and Information Technology, Modern Sciences University, Rep. of Yemen.
- 18) Dr. Isma'eel Alahmadi, Faculty of Computer and Information Technology, Future University, Rep. of Yemen. Designing and Analysis of Algorithms
- 19) Dr. Salih Alasali, Sana'a University, Rep. of Yemen. Security of Data

- 20) Dr. Hassan Basood, Dep. of Computer Sciences – Hadhramout University for Science and Technology, Rep. of Yemen
- 21) Dr. Fuad Alyrimi, Faculty of Engineering and Information Technology – Alandalus University. Data Mining
- 22) Dr. Hassan Alshaikh, Faculty of Engineering and Information Technology – Alandalus University. Artificial Intelligence
- 23) Dr. Nebras Alazazi, Faculty of Engineering and Information Technology – Alandalus University. Computer Networks
- 24) Dr. Abdullrahman Alhadi, Faculty of Engineering and Information Technology –University of Yemen. Electronics and Networks
- 25) Dr. Mohammed Alkhawlani, Dep. of Computer Sciences - Amrran University, Rep. of Yemen. Databases
- 26) Dr. Ali Alhakami, Faculty of Education – Sada'a, Amrran University, Rep. of Yemen