



## The 7<sup>th</sup> International Conference on Application of Information and Communication Technologies AICT2013

Azerbaijan, Baku, 09-11 October 2013  
<http://www.aict.info/2013>

**[Paper Submission has STARTED](#)**  
**[Click to submit your paper to AICT2013](#)**

### AICT2013 Satellite Events:

- [The 6<sup>th</sup> International Information Security Research Consortium \(IISRC\) Meeting](#)
- [The 27<sup>th</sup> Computer Engineering Department Chairs' Summit 2013](#)
- [Information Technology Promotion in Asia \(ITPA 2013\) workshop on Smart ICT](#)

## AICT2013 Proceedings and Indexing:

Accepted papers include Engineering Index (EI) and EI Compendex and IEEE Xplore TM IEEE Catalog Number CFP1356H-ART, ISBN 978-1-4673-6420-1

Selected papers will be published as a special issue of the Qafqaz University Journal on Computer Science [ [journal.qu.edu.az/](http://journal.qu.edu.az/) ]

(The Qafqaz University Journal on Computer Science is a professional, peer-reviewed, publishing high-quality scientific articles in computer science fields. The journal is indexed in major databases including SCOPUS, EBSCO, INSPEC, EI Compendex, Google scholar, etc.)



IEEE Xplore Digital Library



International Journal of Qafqaz University



AICT2012 Conference Electrical Preceding (CD)



**About AICT2013 Conference:** On behalf of the Steering Committee, we welcome you to the The 7<sup>th</sup> International Conference on Application of Information and Communication Technologies (AICT2013) will be held in Azerbaijan, Baku on the 09, 10 and 11th of October 2013. The AICT2013 Conference will build on the success of the previous conferences, which were held in Baku, Tashkent and Tbilisi

AICT2013 is co-organized by Ministry of Communication and Information Technologies of Azerbaijan, Ministry of Education of Azerbaijan, Qafqaz University and Baku State University with support of IEEE Azerbaijan Joint Chapter. AICT2013 will offer oral, poster sessions, keynote speeches, tutorials and, professional meetings. Submitted papers are expected to cover state-of-the-art technologies, theoretical concepts, standards, products implementation, ongoing research projects as well as application issues of the ICT. In the previous AICT was joined by hundreds of participants from several countries including Azerbaijan, Uzbekistan, Sweden, Canada, China, Finland, United States, Turkey, Japan, Russia, Georgia, Romania, Iran, ...

**AICT2013 Conference Scope:** AICT2013 topics include, but are not limited to, the following research and development areas/fields (more than 80 topics for more information visit [Sessions / Topics](#)):

- Latest Trends in ICT Application
- Big Data Management and Application
- Data Mining and Data Engineering
- Cyber Security Issues
- Communication, network and hardware
- ICT in Business Administration, Finance and Economy
- ICT in Governance and Government Policy Making
- ICT in Education, Humanities, Social Sciences and Research
- ICT in Medicine and Health Care

**AICT2013 Conference Purpose:** The AICT2013 International Conference is a forum to bring together business people, researchers, scientists, software architects, and industry professionals to discuss innovative ideas and diverse topics on next generation of information technologies and services. Using this forum, researchers and practitioners can exchange issues, challenges, new business models and structures, and new technologies and solutions. The AICT2013 aims at attracting both researchers from academic and industrial institutions and practitioners from industry. Researchers, practitioners and distinguished speakers are invited to submit a paper and/or to make proposals of original research speeches addressing business and technical

issues, challenges, solutions, and technologies in building applications, complete solutions and ICT-based services. All papers/proposals will be peer-reviewed by the members of the international program committee.



## IMPORTANT DATES:

---

**Conference date: 09 - 11 October, 2013**

Paper Submissions Deadline:	May 31, 2013
Notification of Acceptance:	June 15, 2013
Camera Ready Version Due:	June 30, 2013

## PAPER SUBMISSION GUIDELINES:

---

**Official and working language of AICT2013 Conference: English**

Authors are requested to submit electronically a PDF file paper(s) only to the following link: [Paper submission will be available from January 01, 2013](#).

Accepted papers include Engineering Index (EI) and EI Compendex.

Papers title, author names, addresses, paper abstract and keywords must be written in accordance to the instructions at [IEEE Manuscript Template for Conference Proceedings .DOC](#) or [.PDF format](#).

Preferred maximum paper length is 5 printed pages (10-point font) including figures. IEEE will accept papers for review up to 7 pages in length. Accepted papers that are longer than 5 pages will be charged an over length fee of \$100 USD for 6 pages and \$200 USD for 7 pages. Under no circumstances may any submission should exceed 7 pages. Papers in excess of 7 pages shall not be considered for review or publication. The cover page is not included in the page count. The title of the paper, author's name, affiliation, complete return address, telephone number, facsimile number and e-mail address should appear at the top of the first page followed by an abstract with a maximum of 100 words. Authors must state that their paper has neither been published before nor currently being submitted elsewhere. Accepted papers will be published in the conference's proceedings and/or CD-ROMs and the publication will be available on **IEEE Xplore™**. Selected papers will also be published in a journal.

For additional information concerning paper submission, Please contact general chair: Dr. Abzeturdin Adamov [aadamov@ieee.org](mailto:aadamov@ieee.org) or just fill the [Contact Us](#) form.

**Note:** The final submission of accepted papers (Camera ready) must be in accordance to publisher's formatting standard IEEE Xplore at: [IEEE Xplore](#)

## **GUIDELINES FOR CAMERA READY SUBMISSION:**

---

Authors are requested to submit electronically their final Camera Ready Paper in PDF file only to the following AICT2013 link: <http://aict.info/2013/?page=camready> (CAMERA READY SUBMISSION).

To publish your paper in AICT2013 proceedings and (or) CDROM/DVD, please use the following links for IEEE to ensure your camera ready files submitted are IEEE Xplore compatible.

- [Download the IEEE Conference Record Submission Standards](#)
- [IEEE Manuscript Template for Conference Proceedings .DOC](#) or [.PDF format](#)

## **Verify IEEE Xplore PDF compliance**

---

This will allow you to convert your Word, LaTeX, or range of other source files into IEEE Xplore™ compatible files. PDF eXpress is a free service that helps IEEE conference authors to comply with the IEEE Xplore requirements for PDF files. Go to the PDF eXpress page [www.pdf-express.org/log.asp?SiteID=AICT2013xp](http://www.pdf-express.org/log.asp?SiteID=AICT2013xp), create your personal account (using link "New Users - Click here"), upload your PDF and have it checked for compliance.

## **Organizers and Copyright Form**

---

The copyright form, available at the following web site: [Viewing and printing the form](#) , Please sign and send the signed copyright form only the signed page by Email attachment to: [aict@qu.edu.az](mailto:aict@qu.edu.az)

For Visa information please contact your nearest Consulate/Embassy of Azerbaijan Republic

## **Critical Information**

---

At least one author per paper MUST REGISTER FOR THE AICT2013 CONFERENCE BY 5th of September, 2013. If this is not done, your paper will be removed from the Program. Please discuss paper acceptance with each other and your co-authors and your organization to be certain that at least one of you has registered by 5th of September, 2013. You may register by bank wire transfer at: [Registration](#) for AICT2013 conference, any question or problem regarding registration please send an Email for international registration to: [Abzetedin Adamov](#) and for local (from Georgia) registrants, the authors and participants apply to: [Anar Rustemov](#).

## **CONFERENCE COMMITTEES:**

---

### **Conference Chair:**

### **Conference Chairmen:**

Professor Ahmet Sanich, Qafqaz University Rector, Azerbaijan

### **General Chair:**

Associate Professor Abzetedin Adamov, Qafqaz University, Azerbaijan ✉

### **Technical Program Co-Chairs:**

- Professor H.Levent Akin, Bogazici University, Turkey ✉
- Associate Professor Vincent Guyot, ESIEA/LIP6, France ✉
- Professor Asoke Talukder, IIIT, Bangalore, India ✉
- Professor Cevdet Meriç, Fatih University, Turkey ✉
- Professor Serdar Korukoğlu, Ege University, Turkey ✉

- Assistant Professor Kshetrimayum Rakhesh Singh, IIT-Guwahati, Guwahati, Assam, India ✉
- Dr. Nazim Agoulmine, University of Evry Val d'Essonne, France ✉
- Dr. Nargiza Usmanova, IEEE Comsoc Chapter chair, TUIT, Uzbekistan ✉
- Professor Alok Kumar Das, Guru Nanak Institute of Technology, India ✉

**Panel Chair:**

Dr. Abzetedin Adamov, Qafqaz University, Azerbaijan ✉

**Tutorials and Publication Chairs:**

Dr. Abzetedin Adamov, Chair of Computer Engineering Department at the Qafqaz University

**Local Organizing Committee:**

- Dr. Yadullah Babayev, Dean of Engineering Faculty, Qafqaz University ✉
- Dr. Abzetedin Adamov, Head of Computer Engineering Department, Qafqaz University ✉
- Dr. Babek Abbasov, Computer Engineering Department, Qafqaz University ✉
- Sevil Imanova, Industrial Engineering Department, Qafqaz University ✉
- Etibar Seyidzade, Computer Engineering Department, Qafqaz University ✉
- Hayyam Masiyev, Computer Engineering Department, Qafqaz University ✉

**Advisory and Steering Committee:**

- Niftali Gocayev, Qafqaz University, Azerbaijan ✉
- Victor Kureichik, Taganrog State University, Russia ✉
- Mehmet Ulema, Manhattan College, USA ✉
- Adnan Yazici, Middle East Technical University, Turkey ✉
- Raouf Boutaba, University of Waterloo, Canada ✉
- Guy Omidyar, IFIPTC6 WG6.8 Past Chair, USA ✉

**Technical Program Committee members:**

- Cem Ersoy, Bogazici University, IEEE ComSoc Chapter Chair, Turkey
- Abolfazl Mehbodniya, INRS, Canada
- Asoke K Talukder, IIIT Bangalore, India
- Babek Abbasov, Qafqaz University, Azerbaijan
- Etibar Seyidzade, Qafqaz University, Azerbaijan
- Canchi Radhakrishna, KYOCERA, USA
- Djamel Sadok, Universidade Federal de Pernambuco, Brazil
- Gholam Ali Rezai rad, University of Science and Technology, Iran
- Guy Omidyar, Consultant, USA
- Agasi Melikov, National Aviation Academy, Azerbaijan
- Nadir Alishov, Ukrain National Akademy of Science, Ukrain
- Guy Pujolle, Université Paris 6, France
- Alekber Aliyev, Baku State University, Azerbaijan
- Ramin Mahmudzade, Baku State University, Azerbaijan
- Petr Sosnin, Ulyanovsk State Technical University, Russia
- Khaldoun Al Agha, LRI, University of Paris XI, France
- Khaled Ben Letaief, Hong Kong University, HK
- Halil Ismailov, Qafqaz University, Azerbaijan
- Ali Sahintas, Qafqaz University, Azerbaijan
- Marie-Jose Montpetit, Motorola, USA
- Mehmet Ulema, Manhattan College, USA
- Masoud Mashhour, Carleton University, Canada
- Tugrul YANIK, Fatih University, Turkey
- Fatih CAMCI, Fatih University, Turkey

- Nazar Elfadil, SQU, Oman
- Ruslan Kamaev, KSUCTA, Kyrgyzstan
- Abdul Halim Zaimî, Istanbul University, Turkey
- Kamil Saraç, University of Texas at Dallas, USA
- Hasan Bulut, Ege University, Turkey
- Muhammet Cinsdikici, Ege University, Turkey
- Chandana P. Withana, Charles Sturt University, Australia
- Ahmet Burak Can, Hacettepe University, Turkey

## INFORMATION for AUTHORS:

---

All accepted papers of AICT2013 will be published in the conference proceedings, under an ISBN reference, in paper and in CD-ROM support.

Paper will be accepted only by electronic submission through the conference web site. At least one of the authors of each accepted paper must register as a full participant of the conference to have the paper published in the proceedings and be scheduled for presentation.

Authors also should adhere strictly to the format instructions. The organizing committee reserves the right to return accepted papers to the author(s) that do not fully comply strictly with the format instructions given on template are available at the conference web site, for more information on the electronic submission see web-site at: [paper submission guidelines](#). Original papers not being submitted to journals or other conferences will be considered. All submitted papers will be evaluated according to its originality, significance, correctness, presentation and relevance. We encourage authors to present novel ideas, critique of existing work, and practical studies and experiments.

**Regular Author Registration Includes:** Paper Presentation, Proceedings Volume Part (where your paper is published), Proceedings CD, Attendance to all Sessions, Conference Program, Name Tag, The Working Lunches and Coffee Breaks, Certificate of Presentation and Small Handbag.

## GUIDELINES for ORAL PRESENTERS:

---

### Official and working language of AICT2013 Conference: English

Presenters must be at the designated room of your session 15 minutes before it begins, so that you can meet your session chair and the other speakers in advance.

It is most important to be within strict time constraints to allow the presentation to fit within the allotted time period. However, if needed, the session chairman will ensure that these time limits are strictly observed. Each paper has an estimated time slot up to 10 minutes for presentation, and an additional 5 minutes for questions and answers.

Overhead and LCD projectors, as well as laptops, will be available in all oral presentation conference rooms. Other equipment will be provided at the presenter expenses if a request is being made. Please kindly forward any such request to the organizing chair of the conference, Dr. Abzetaidin Adamov [aadamov@ieee.org](mailto:aadamov@ieee.org)

Presenters should bring their compatible presentation files stored on a CD-ROM/DVD. Presenters are kindly requested to upload their files into the laptop at least 15 minutes before the start of the session, if you do not bring your own laptop. Presenters are also kindly requested to test the functionality of the presentation before the beginning of the session. It is strongly recommended that presenters bring along transparencies as a backup.

## RESPONSIBILITY and VISA REQUIREMENTS

---

In registering for the conference you agree that neither the Organizing Committee nor the Conference Secretariat accept any liability. For people planning to attend the conference, an entrance visa may be required and you should contact the nearest Embassy or Consulate for more information. Participants are requested to make their own arrangements in respect of health and travel insurance. The organizers do not accept responsibility for any personal injury, damage or loss of property which may occur in connection with this conference. All participants are advised to arrange international health insurance before departure from their home countries.

## CANCELLATION TERMS and CONDITIONS

---

If you cannot attend the conference, we are happy to accept a substitute colleague at any time. If you have to cancel entirely, we regret that no refunds can be made after your registration

### VISA INFORMATION:

---

For people planning to attend the conference, an entrance visa may be required and you should contact the nearest Embassy or Consulate for more information. Don't leave visa applications to the last minute.

Ministry of Foreign Affairs of Republic of Azerbaijan is at: [Web-site](#)

For questions about issuing the Azerbaijani Visa please, contact to:

Uzeyir Bagirov  
Assistant Manager  
Qafqaz University  
Department of International Relations  
Office: +994 12 448 2862/66 Ext: 330  
Fax: +994 12 448 2861/67  
E-mail: [ubagirov@qu.edu.az](mailto:ubagirov@qu.edu.az)

## CONTACT US:

---

For more information on the 7<sup>th</sup> International Conference on Application of Information and Communication Technologies please contact the Local Technical Committee or just fill the form below.

### AICT2013 Local Technical Committee Secretariat:

Tel:	+99412 4482862, +99412 4482863
Fax:	+99412 4482861
Address:	Baku-Sumgayit road 16 <sup>th</sup> km., Baku AZ0101, Azerbaijan
eMail:	<a href="mailto:aict@qu.edu.az">aict@qu.edu.az</a>
Web site:	<a href="http://www.aict.info/2013">http://www.aict.info/2013</a>