



December, 21-23

**Marrakech 2015**

# 5<sup>th</sup> International Conference on Information and Communication Technology and Accessibility

www.icta.rnu.tn  
#icta2015



## Call for Papers

ICTA is a bi-annual international conference on ICT & Accessibility. The fifth edition of ICTA 2015 will be held in Marrakech, Morocco, and organized by the ENSIAS College of Engineering, Mohammed V University of Rabat, the Research Laboratory of Technologies of Information and Communication and Electrical Engineering (LaTICE) of the University of Tunis and the Tunisian association of E-accessibility with the support of the Arab League Educational, Cultural and Scientific Organization (ALECSO). ICTA2015 is also co-sponsored by IEEE Moroccan Section.

The conference explores several areas related to ICT and education with special focus on Technology Enhanced Education for people with disabilities. Therefore, we invite submission of high-quality and original papers, whether related to academic or industrial research niches. Submitted papers should propose new approaches and original tools, assess solutions, report experiences, reviews the state of the arts, etc. All submissions will be double-blindly peer-reviewed by an international program committee. Accepted papers, posters and demonstrations will be published in the IEEExplore and indexed in DBLP. At least one author of the accepted submissions must register as the presenter. The participation of users from different disciplines will be welcome as accessibility and education are across-cutting disciplines. Views bridge academia, civil society, commerce, and industry and arguments encompassing a range of beliefs across the design-accessibility spectrum are presented.

## Main Topics

The scope of the ICTA 2015 Conference is focused on issues related to Accessibility, ICT and Education. Topics of interest considered to be within the scope of the conference include but are not limited to:

### Track 01: ICT for people with disabilities:

- Accessible mobile environments.
- Mobile apps for people with disabilities
- Software engineering for accessibility.
- Cloud Computing and Assistive Technology services.
- E-learning and accessibility.
- E-learning tools and environments for disabled users.
- Human Computer Interfaces for disabled persons.
- Usability and Ergonomics.

- Web accessibility
- End user tools for accessibility.
- Assistive technology.
- Technology design for people with multiple impairments
- Accessibility and usability
- E-Aging and Gerontechnology.
- Assistive Technology.
- Design for All
- Automatic translation of Sign languages
- Technologies for improving communication with Deaf people
- Representation and Processing of Sign Languages

## **Track 02 : Advanced Learning Technologies**

- Digital Systems for Open Access to Education and Learning
- Adaptive and Personalised Technology-Enhanced Learning
- Wireless, Mobile, Pervasive and Ubiquitous Technologies for Learning
- Digital Game and Intelligent Toy Enhanced Learning
- Computer Supported Collaborative Learning
- Technology-enhanced Assessment in Formal and Informal Education
- Technology-Enhanced Science, Technology, Engineering and Math Education
- Technology Enhanced Language Learning
- Motivational and Affective Aspects in Technology-enhanced Learning
- Technology Enabled Learning of Thinking Skills
- Recommender Systems for Learning
- Smart Learning Environments
- Virtual Worlds in Education and Training
- Large Scale Implementation of Technology Supported Educational Innovations

## **Track 03: Innovative Computer Technologies and Applications**

- Advances in Big Data Analytics
- Information and Knowledge Engineering
- Semantic Web and Web Services
- Data Mining
- Grid & Cloud Computing and Applications
- Software Engineering Research and Practice
- Computer modelling and applications
- Modelling and simulation of systems
- Digital image processing and pattern recognition
- Mobile and ubiquitous computing
- Soft computing techniques

## **Key Dates**

- September 05, 2015 : Submission of papers
- September 05, 2015 : Poster/demonstration Submission
- September 05, 2015 : Proposals for tutorials and thematic sessions
- October 20, 2015 : Notification of acceptance

- November, 10, 2015 : Camera-ready submission & registration
- December 21-23, 2015 : Conference period

## Types Of Sessions

- Paper sessions (20 minutes presentation).
- Short paper sessions (10 minutes presentation).
- Interactive demonstrations (10 minutes).
- Tutorial sessions.
- Poster sessions.

## Program Co-Chairs

- Mohamed Jemni, Head of ICT Department, Arab League Educational, Cultural and Scientific Organization (ALECSO)
- Mohamed Essaaidi, Director of ENSIAS College of Engineering, Rabat, Morocco

## International Advisory Committee

- Prof. Kinshuk, University of Athabasca, Canada
- Prof. Demetrios G Sampson, University of Piraeus, Greece
- Prof. Rachida Ajhoun, University of Mohamed 5, Morocco

## Organization Committee Co-Chairs

- Dr. Mounia Abik, ENSIAS College of Engineering, Rabat, Morocco
- Dr. Mohsen Laabidi, e-access, Tunisia

## Program Committee

(Not definitive)

- Prof. Kinshuk, University of Atabasca, Canada
- Prof. Demetrios G Sampson, University of Piraeus, Greece
- Prof. Rachida Ajhoun, University of Mohamed 5, Morocco
- Abdellah Idrissi, Faculty of Science, Rabat, Morocco
- Abdelmajid Ben Hamadou, MIRACL Laboratory, ISIMS, Tunisia
- AbdulMalik Al-Salman, King Saud University, Saudi Arabia
- Ali Al Dahoud, Al-Zaytoonah University, Amman, Jordan
- Ali Fawaz Shareef, Maldives College of Higher Education, Republic of Maldives
- Ali S. Musawi, Sultan Qaboos University, Oman
- Allistair Edwards, University of York, United Kingdom
- Amel Bouzeghoub, IT- SudParis, France
- Amer Abuali, Philadelphia University, Jordan
- Amr Ibrahim, AUC, Egypt
- Annelies Braffort, LIMSI-CNRS, France

- Arafat Awajan, PSUT, Jordan
- Azeddine Elhassouny, ENSIAS, Morocco
- David Crombie, EUAIN Network, Netherlands
- Demetrios Sampson, University of Piraeus & CERTH, Greece
- Dominique Burger, BrailleNet Association, France
- Dominique Scapin, INRIA, France
- Esma Aimeur, University of Montreal, Canada
- Faiez Gargouri, MIRACL-ISIMS, Tunisia
- Gerhard Nussbaum, KI-I, Austria
- Gilbert Paquette, Télé- université du Québec, Canada
- Hamadou Saliah-Hassane, Télé-Université/UQAM, Canada
- Henda Chorfi, King Saud University, Saudi Arabia
- Jacques Charlier, Metrovision, France
- Jacques Viens, CIRTA, Université de Montreal, Canada
- James Ohene-Djan, University of London, UK
- Jehad Ja'em, University of Qatar, Qatar
- Joachim Klaus, Karlsruhe Institute of Technology (KIT), Germany
- Jutta Treviranus, Inclusive Design Research Centre, Canada
- Kinshuk, Athabasca University, Canada
- Klaus Miesenberger, University of Linz, Austria
- Koutheair Khribi, ALECSO, Tunis
- Leila Jemni Ben Ayed, Laboratory LaTICE, University of Tunis
- Lilia Cheniti, PRINCE Research Unit, Hammam Sousse, Tunisia
- Malek Ghenima, ESCM, Tunisia
- Marion Hersh, Glasgow University, UK
- Michael E. Auer, Carinthia University of Applied Sciences, Austria
- Mohamed Amine Chatti, RWTH Aachen University, Germany
- Mohamed Elazb, HDF, Egypt
- Mohamed Jmaiel, University of Sfax, Tunisia
- Monica Landoni, University of Lugano. Switzerland
- Morten Tollefsen, MediaLT, Norway
- Mounia Abik, ENSIAS, Morocco
- Mounir ZRIGUI, University of Monastir, LaTICE Laboratory, Tunisia
- Nadine Vigouroux, IRIT, Université Paul Sabatier, ASSISTH
- Nian-Shing Chen, National Sun Yat-sen University, Taiwan
- Olfa Nasraoui, University of Louisville , USA
- Omar Boussaid, Lumière Lyon II, France
- Omary Fouzia, Faculty of Science, Rabat, Morocco
- Oscar Martinez-Bonastre, Miguel Hernandez University, Spain
- Ouafae Serrar, CRMEF, Morocco
- Philippe Gorce, Université du Sud Toulon Var, France
- Rachid Oulad Haj Thami, ENSIAS, Morocco
- Rafik Brahem, ISITIC, HS, Tunisia
- Ramzi Farhat, LaTICE, Tunisia
- Roberto Scano, IWA/HWG, Italy
- Rolando Bianchi Bandinelli, Istituto di Scienza e Technologie dell'Informazine, Piza, Italy
- Sabine Graf, Athabasca University, Canada

- Salah Sharhan, Golf University of Science and Technology, Kuwait
- Shadi Abou-Zahra, W3C Web Accessibility Initiative (WAI)
- Simon Harper, University of Mancheser,UK
- Virginio Cantoni, University of Pavia, Italy
- Haythem Abbes, University of Tunis, Tunisia
- Hazem Fkayar, University of Carthage, Tunisia

## Organization Committee

- Abdellah Idrissi
- Achraf Othman
- Azeddine Elhassouny
- Kabil Jaballah
- Mohamed Ali Khenissi
- Oussama Elghoul
- Yosra Bouzid

## Local Committee

- Abdellah Idrissi
- Azeddine Elhassouny
- Mounia Abik
- Mustapha Essadqi
- Ouafae Serrar
- Abdelquoddouss Laghrissi
- Khaoula Mrhar
- Hajar Rehioui
- Sara Retal

## Conference Venue

ICTA 2015 will be held at **Marrakech** city-Morocco. The hotel where the conference will take place is the **Kenzi Farah Hotel 5\* Marrakech**. For more information visit: <http://www.kenzi-hotels.com/kenzifarah/>

Marrakech is a beautiful city where glimpses of medievalism can still be glimpsed amid its modern buildings of business. There still is a Marrakech Express train, and the city, which sits on the edge of the Atlas Mountains, can trace its founding almost 1,000 years, to AD 1062. A famed tourism destination since hippies, hipsters and The Rolling Stones discovered it in the late 1960s, Marrakech's ancient city centre is a UNESCO World Heritage site

## Registration

All conference participants must pay the registration fee. For each paper, at least one author must attend and pay the registration fee. The registration fee covers Proceedings, bag, lunches, coffee break and Banquet dinner:

- Student Registration Fee: 250€
- Non-student Registration Fee: 300€

More information about registration process will be communicated on the conference's website [www.icta.rnu.tn](http://www.icta.rnu.tn)