

CONFERENCE PROGRAM

Day 1: October 24, 2013	
08:00 - 09:00	Registration
09:00 - 10:30	Session: Opening Ceremony and Keynote Speaker Chair: Prof. Mohamed Jemni
	Socio-emotional agents and their applications <i>Prof. Catherine Pelachaud</i>
10:30 - 11:00	Coffee Break
11:00 - 13:00	Session: Accessibility Chair: <i>Prof. Klaus Miesenberger</i>
	Accessible Numerical Information: Cookery Recipes as a Special Case <i>Susana Bautista, Raquel Hervás and Pablo Gervás</i>
	Investigating Accessibility Problems of Arabic PDF Documents <i>Ameera Almasoud and Hend Al-Khalifa</i>
	Hidden Markov Model for Inferring User Task Using Mouse Movement <i>Anis Elbahi, Mohamed Ali Mahjoub and Mohamed Nazih Omri</i>
	Accessibility of non-trivial remote controlled models and toys <i>David Thaller and Gerhard Nussbaum</i>
	Knowledge Practices of People with Disabilities and the Role of ICT <i>Malcolm Garbutt</i>
13:00 - 15:00	Lunch break
15:00 - 16:30	Session: Accessibility, Deafness and Sign Language Chair: Prof. Catherine Pelachaud
	Towards Content-based 3D sign language indexing using segmental M-H model <i>Kabil Jaballah</i>
	Toward a new Transcription Model in XML for Sign Language Processing based on Gloss Notation System <i>Achraf Othman and Raouia Hamdoun</i>
	Towards an automatic translation from Arabic text to sign language <i>Nadia Aouiti</i>
	Towards signing avatar using image based <i>Talbi Ibtissem and Elghoul Oussama</i>
	Modelling of Human-Computer interaction in French sign language <i>Maher Jebali, Patrice Dalle and Mohamed Jemni</i>
16:30 - 17:00	Coffee Break
17:00 - 18:30	Session: Accessibility and Education Chair : Dr. Koutheair Khribi
	Towards Accessible and Personalized Mobile Learning for Learners with Disabilities

	<i>Hebiri Madani Halima, Leila Jemni Ben Ayed, Mohamed Jemni and Demetrios G. Sampson</i>
	Ontology Based Description of an Accessible Learning Object <i>Houssef Abdellaoui, Mounir Zrigui and Khaireddine Bacha</i>
	Teaching Programming for Blinds: A Review <i>Nusaibah Al-Ratta and Hend Al-Khalifa</i>
	New approach for evaluating accessibility in elearning platform: case-study Moodle ^{Acc+} <i>Amel Ben Jemaa, Mohsen Laabidi</i>
	An Approach for Designing and Implementing an accessible e-Learning platform for people with Disabilities <i>Hejer Ben Brahim, Mohsen Laabidi</i>
Day 2: October 25, 2013	
09:30 - 10:30	Session: Keynote Speaker Chair: Prof. Mohamed Jemni
	Including Sensor Technology in AT Solutions for People with Motor Disabilities <i>Prof. Klaus Miesenberger</i>
10:30 - 11:00	Coffee Break
11:00 - 13:00	Session: ICT and Education Chair: Prof. Rafik Braham
	Towards a Competence Web –Based Assessment Model to support lifelong learning <i>Mounira Ilahi, Lilia Cheniti Belcadhi and Rafik Braham</i>
	A Web Mining Based Approach for Automatic Student Model Discovery <i>Mohamed Koutheair Khribi</i>
	An approach to compose personal curriculums <i>Belhassen Guettat and Ramzi Farhat</i>
	OBSemE: An Ontology-based Semantic metadata Extraction System for Learning objects <i>Baraâ Jebali and Ramzi Farhat</i>
	Federation and reuse of E-Learning personalization components <i>Sameh Ghallabi, Fathi Essalmi, Mohamed Jemni and Kinshuk</i>
	E-PACAD: A collaborative learning environment based ontologies <i>Chahrazed Mediani and Mahieddine Djoudi</i>
13:00 - 15:00	Lunch break
15:00 - 16:30	Session: Accessibility, Deafness and Sign Language Chair: Prof. Klaus Miesenberger
	Toward the creation of an Arab GLOSS for Arabic Sign Language Notation <i>Mohamed Jemni, Sameer Semreen, Achraf Othman, Zouhour Tmar, Nadia Aouiti</i>
	A greedy inverse kinematics algorithm for animating 3D signing avatars <i>Nour Ben Yahia</i>
	Toward HMM based machine translation for ASL <i>Mehrez Boulares and Mohamed Jemni</i>
	Sub-Bands Boosting of Speech Classes for Listeners with Hearing Impairments <i>Faycal Ykhlef</i>
	English-ASL Gloss Parallel Corpus 2012: ASLG-PC12, The Second

	Release <i>Achraf Othman and Zouhour Tmar</i>
16:30 - 17:00	Coffee Break
17:00 - 18:30	Session: ICT, Web Services and Ontologies Chair: Dr. Ramzi Farhat
	SAMIWA: a Self-Adaptive Middleware system for Web service Application in dynamic Context <i>Sihem Cherif, Raoudha Ben Djemaa and Ikram Amous</i>
	A decision-making tool for the synthesis of results issued from different user interface evaluation methods <i>Marwa Hentati, Abdelwahab Trabelsi and Selem Charfi</i>
	EiserWebs: An Interactive System Evaluation Tool Based on Web Service <i>Amira Dhouib, Abdelwaheb Trabelsi and Hanène Ben Abdallah</i>
	Legal Application ontology in Arabic <i>Karima Dhouib and Faiez Gargouri</i>
Day 3: October 26, 2013	
09:30 - 10:30	Session: Keynote Speaker Chair: Prof. Klaus Miesenberger
	Accessibility, Communication and Education of People with disabilities <i>Prof. Mohamed Jemni</i>
10:30 - 11:00	Coffee Break
11:00 - 13:00	Session: Accessibility and Education Chair: Dr. Mohsen Laabidi
	Get only the essential information: Text summarizer for people with disabilities based on implicit data <i>Henda Chorfi Ouertani</i>
	A Learning version of Pacman Game <i>Mohamed Ali Khenissi and Fathi Essalmi</i>
	Wireless Sensors Networks For Medical Monitoring <i>Jihed Khaskhoussi, Ridha Ouni and Abdellatif Mtibaa</i>
	Intelligent System to support SOA Qs Assessment <i>Safa Ben Salem, Lilia Cheniti-Belcadhi and Mr. Rafik Braham</i>
	A Situational Analysis on the Availability and Access to Computers for Educational Purposes by Learners With Visual Impairments in Zambia <i>Thomas Mtonga</i>
13:00 - 15:00	Lunch break
15:00 - 16:30	Session: Accessibility and Natural Language Treatment Chair: Dr. Mohamed Koutheaïr Khribi
	Automatic Speech Correction: A step to speech recognition for disabled people <i>Naim Terbeh, Mohamed Labidi and Mounir Zrigui</i>
	Automatic Speaker Localization based on Speaker Identification -A Smart Room Application- <i>Siham Ouamour and Halim Sayoud</i>
	An Experimental Study for some supervised Lexical Disambiguation methods of Arabic Language <i>Laroussi Merhbene, Anis Zouaghi and Mounir Zrigui</i>
	Automatic translation of Arabic queries based on lexical disambiguation method for Bilingual information retrieval <i>Souheyl Mallat, Anis Zouaghi, Emna Hkiri and Mounir Zrigui</i>

	Dynamic Hierarchical Bayesian Network for Arabic Handwritten Word Recognition <i>Khaoula Jayech, Nesrine Trimech, Mohamed Ali Mahjoub and Najoua Ben Amara</i>
	Synthesizing Facial Expressions for Signing Avatars using MPEG4 Feature Points <i>Yosra Bouzid and Oussama Elghoul</i>
16:30 - 17:00	Coffee Break
17:00 - 18:30	Session: ICT, Web Services and Ontologies Chair : Prof. Faiez Gargouri
	A Specification Approach Based on Adapted Workflow for Personalized e-Assessment Systems <i>Fahima Hajjej, Yousra Bendaly Hlaoui and Leila Jemni Ben Ayed</i>
	Towards a Meta-model of the Organization's Processes modelling for Knowledge Localization <i>Mariam Ben Hassen, Mohamed Turki and Faiez Gargouri</i>
	Towards Generic Semi-Automatic Transformation Process in MDA <i>Lamine Lafi, Zaki Brahmi, Jamel Feki and Slimane Hammoudi</i>
	Towards a knowledge cartography approach <i>Sahar Ghrab, Mohamed Turki and Faiez Gargouri</i>